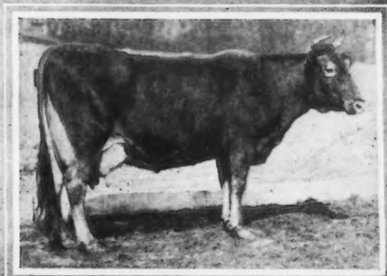
GUERNSEY BREEDERS' JOURNAL



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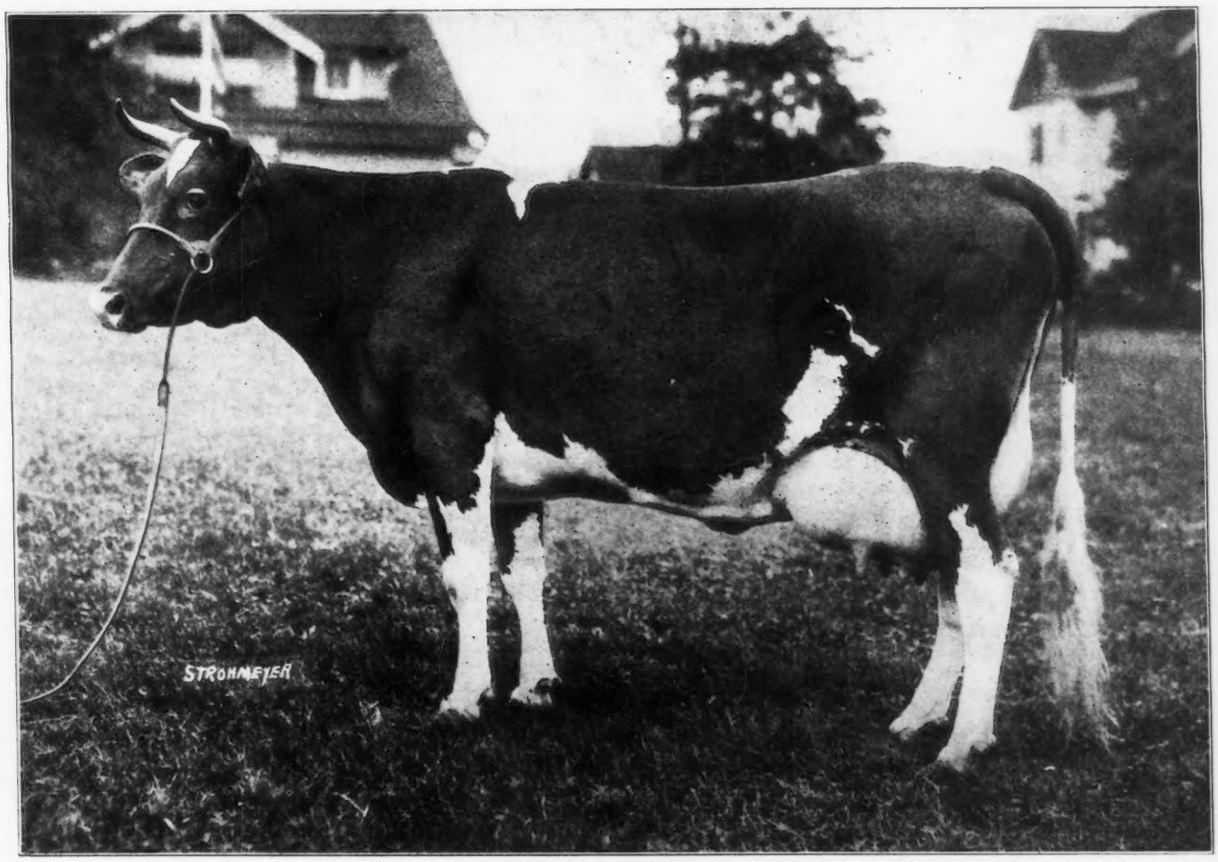

IMP. BELLA DE CARTERET 37283, A. R. 3662

Record: 10111.30 lbs. of milk; 500.42 lbs. of butter fat

Sire—Justinee's Sequel of the Preel 2119 P. S. Dam—Valentine de Carteret 2804 F. S.

Owned by W. P. Bliss, Wendover Farms, Bernardsville, N. J.

Grand Champion Guernsey Cow, Trenton Inter State Fair, 1917

Guernsey Breeders' Journal

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Designed to Promote and Advance the Interests of the Guernsey

The Guernsey Outlook

Alarming statements have recently been made about the decline of the dairy business. Reports of the sale for slaughter of heavy producing dairy cows have been made on every hand. The cause has been attributed to soaring feed prices, and the dairyman has been told to do almost every conceivable thing under the sun to conserve for the public good, regardless of whether or not he secured the wherewithal from his operations to feed and cloth himself and his family.

Seriously impressed with these statements a dairyman might conclude that just now of all times is a poor time to enter the pure bred business. Retrench and play safe are two words which are becoming actualities in the plans of an ever increasing number of dairy farmers.

But to play safe in the true sense of the word does not necessarily mean to retrench at this time. This is proved by the fact that while the short-sighted farmer is not extending operations or increasing his equipment, the wise pure bred breeder and dairyman are now laying the foundation for a business that will take care of the excessive demand which is sure to arise eventually and which is in fact already arising.

As Professor Fraser brought out in his article in a recent issue of this JOURNAL, only the best dairy cows should be allowed a lease on life at these times of high feed costs and the only way to meet the demand for dairy products is to breed better cows. The breeding of better cows is going to react most favorably on the Guernsey business for it means a greater demand for pure bred bulls. That this is already proving to be the case can be shown by the ever increasing proportion of bulls to females registered in the Guernsey breed, and also by the status of the business of the CLUB at the present time when a falling off in total business might be expected.

The facts of the case are as follows: There have been 710 more animals registered in the first five months of the fiscal year than were registered in the corresponding period last year. On the same basis 339 more transfers of cattle have been made. It has been forecasted that the feed situation —so ably discussed by Professor Savage on another page of this issue—would cause a slacking up in the testing of cattle. So far, at least, this has not been the case. On May 1, there were 300 breeders testing 1385 Guernsey cows. Now there are 313 breeders testing 1399 cows. The number of subscribers to the JOURNAL has increased 300 and dozens of breeders have taken advantage of the JOURNAL's advertising pages since the annual meeting of the CLUB in May. The total income has been over $7000 more than for a corresponding portion of the fiscal year 1916.

Thus we see that the pulse of the Guernsey business is strong and based on statistics for the past six months of the fiscal year it looks as if it would continue to be strong. If you are considering whether or not you should enter the Guernsey business or increase your foundation of pure breds, at this time, we believe that so far as outside conditions are concerned the best opportunity for success ever presented is offered at this time.

THE point has been reached where war is waged literally by whole nations. Every man, woman, and child is involved and nearly every adult and most boys and girls can be efficient factors. We are in this war for the purpose of defending our rights, of making sure that, as a Nation, we shall be able to live the sort of life and to have the sort of institutions we desire, of making democracy persist in the world, and of safeguarding the world against the recurrence of such a war as this. To accomplish this the Nation must aim at the perfection of organization, and therefore each individual must recognize the necessity of making sacrifices for the common good and more than ever of working under limitations—of doing team work. Our people have a genius for organization, and they will not fail in the task they have assumed. Our farmers, on whom a great responsibility rests, are the most efficient farmers in the world when they do their best. They will not be found wanting in this crisis.

D. F. HOUSTON,
Secretary of Agriculture.

Mr. Peer's Article.

In this day when we are hearing so much about conservation, especially of farm products, we can doubtless secure many valuable suggestions from reading the article on page 262, written by F. S. Peer, famed as an importer of live stock.

How many have attained the point where twenty-five acres of land will support thirty-five head of cattle, two horses, fifteen to twenty swine and 100 poultry? This state of affairs is perhaps not so very practical for the average farmer in the United States, but is practical and in many cases necessary on the Island of Guernsey. Mr. Peer describes in an interesting manner how these results have been attained at Le Vallon Farm and as time goes on the American farmer will be forced more and more to adopt intensive methods. In a recent letter Mr. Peer speaks of Le Vallon Farm as the "garden spot of the earth." The colored reproduction of Le Vallon courtyard, which appears on another page, leads one to believe that he is about right. During the past summer he spent much time on his Island farm, and as the war has caused the farmers on Guernsey to be very shorthanded, he has himself, in spite of his advanced years, done some of the manual labor connected with farm work.

We consider ourselves fortunate in securing this interesting manuscript from him.

Our Cover

The picture of High Street, Columbus, Ohio, which appears on the cover gives an idea of the character of the city where the National Dairy Show is being held this year. The Deshler hotel which will be the headquarters of Guernsey breeders for the week is shown in the center of the cover picture. It is the twelve story building with the flag flying at the top. It stands in the exact center of the city, both geographically and from a business standpoint. All car lines from the Dairy Show will pass its doors and it is within easy walking distance from all railroad stations.

THE NATIONAL DAIRY SHOW

By W. E. SKINNER

THE question of holding fairs and expositions this year under existing conditions was one considerably debated when time for preparation was at hand. There was a pilgrimage to Washington to discuss the matter with the authorities, and the authorities with the proper vision counselled that the conditions which raised the thought as to the advisability of holding the shows was, to their minds, the real justification for their being held; that any show with a message for the people on the fundamental structure upon which the peace and happiness of the whole world rests—i. e. Agriculture—should by all means be held.

The National Dairy Show carries a grave and impressive message to all of the people this year, and will deliver it in a manner that will insure its reaching its fulfilment. If fairs and expositions have value as educational mediums, now is the time to come to the aid of the country by making our annual shows all that they should be as helpful agencies in production, manufacture and distribution of foods. That the show yard has drifted more to entertainment and less to useful purposes can not be gainsaid.

I wish I could recollect the name of the author of what I think is one of the strongest utterances I have ever heard on the value of fairs and expositions; it was read to me by a friend twenty years ago as part of a speech delivered by one of the early agriculturalists of our country somewhere around a hundred years ago at a dinner given by the Pennsylvania Agricultural Society. While I do not give it as positive authority, my recollection is that it was quoted from Plato, and was to this effect, if not in the exact language:

"Through methods affording comparison, the people should be frequently brought into close communion with those things which mark progress in the world's work, particularly should those upon whom we depend for our daily food be brought into closest harmonious ministration with all progress."

In this same vein of thought we have the last speech of President McKinley, delivered at Buffalo, in which he said "Fairs and expositions are milestones marking progress."

With these thoughts in mind and with the feeling that patriotic men are striving to restore the world's commerce to its normal before-the-war condition, we are afforded an opportunity to restore the show yard to at least more of its original functions, and to make of it more of a medium for betterment of method and life generally, and at this time to bring all of our people into close harmony with the loyal men of our country who are striving so valiantly in the various departments of government to adjust food matters for those at home, for those abroad and for our allies—a duty as noble in this world's war as that of those who are behind the guns of our country and before those of our enemies—a duty, which we as producers must participate in by helping to win the war through maintaining the strength and energy of our people and our allies with ample substantial food at reasonable cost.

The question therefore, should not be 'shall we hold our expositions and shows,' but 'what can we do to make of our fairs and expositions the educational institutions our forefathers planned they should be, and how much real, constructive upbuilding work can we do right now to bring the minds and sympathies of our people of the dairy industry into tune with the tremendous grave responsibility resting upon them to feed the world.'

The National Dairy Show, like other shows, has at times digressed from real work, but this year it wholeheartedly endeavors to meet the needs of the hour through practical demonstrations of production, manufacture and distribution. The agricultural colleges are preparing to put before the people at this show simple methods and thoughts on cheapening production and the real need of bringing to a head the teachings of years on the value of blood.

The Dairy Division of the United States Agricultural Department is going to manufacture for consumption under conditions available to the average dairy and creamery and the average household those things which have been practically waste products.

The Markets Department of the United States Agricultural Department is going to deal with the problems of distribution.

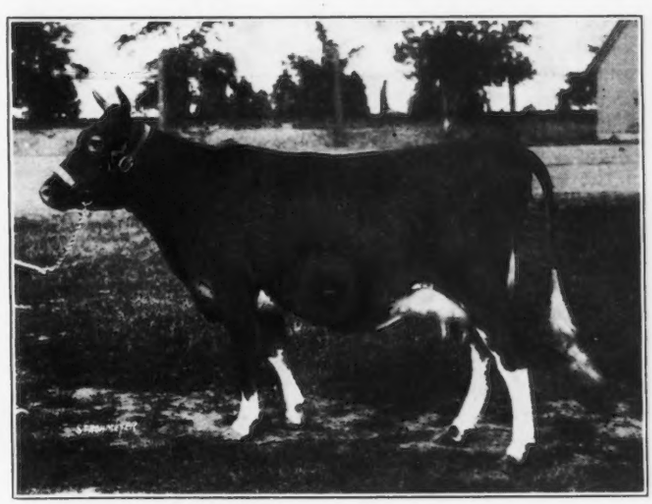
The pure bred cattle men of the entire country, from Maine to California, Texas to Canada, are bringing their cattle to show for the purpose of comparison, that a country wide movement may be stimulated to place upon every farm in our country profit producing cows.

The machinery and supply men are participating on a larger scale than ever before, and will demonstrate that they are cognizant of the needs of the country by showing their improved machinery and equipment, giving evidence of their year's work in the required progress to meet war exigencies.

There has been added to this year's show a demonstration intended to stimulate horse breeding to meet the demands of our country; there will be a wonderful show of draft horses, utility horses, and horses needed by the government, as well as the town and society horse.

At a mass meeting of the men of the industry, to be held Monday of show week, a message will be delivered by men who are patriotically endeavoring to solve our food problems, and a word will be given from high places on the part the dairyman must play in this world's crisis.

We are tendering this show to our country as our appreciative tribute and to demonstrate that the dairyman are a unit in taking up their share of the work to win the war.



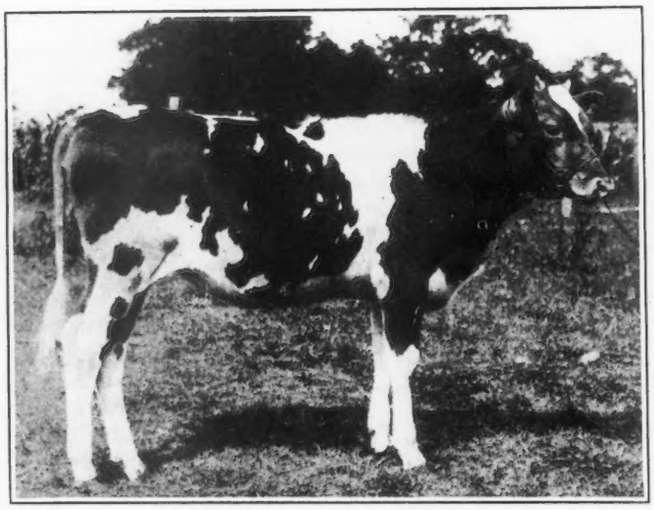
REDDY MAID OF WESTWOOD 56744

Sire—Jethro Sequel 18517 Dam—Christie Cole of Westwood 31451
Owned by C. W. Barron, Cohasset, Massachusetts
GRAND CHAMPION CONNECTICUT STATE FAIR

THE SALE OF RED CROSS LADY 74661

A SPECIAL feature of the sale of pure bred Guernseys to be held by the Waukesha County Guernsey Breeders' Association at Waukesha on October 31, will be the selling of the beautiful heifer, Red Cross Lady 74661, shown on this page. She is of Governor of the Chene 1297 P. S. breeding, being a double granddaughter of this famous sire. As breeders of Guernseys know, this is one of the most sought for strains, as individuality and production are combined in the offspring. This young heifer was born January 5, 1917, and is of excellent type and color, and should prove very interesting to prospective buyers.

The sire of Red Cross Lady 74661 is by Imp. Governor's Whimsome 26189, which was first prize and senior champion male at the Wisconsin State Fair in 1916, and sired the first prize heifer calf, junior and grand champion female at the Wisconsin State Fair in 1916. He is a son of Governor of the Chene 1297 P. S. His dam has a record of 775 pounds of fat on the Island.



RED CROSS LADY 74661
SIRE—Imp. Governor's Whimsome 26189.
DAM—Imp. Bonita III of les Bordages 46428.
Owned by Waukesha County Guernsey Breeders' Association, Waukesna, Wis.

The dam of Red Cross Lady 74661 is Imp. Bonita of les Bordages III. 46428 which is a daughter of Governor of the Chene 1297 P. S., and Bonita of les Bordages 4134 F. S.

She was donated to the Waukesha County Guernsey Breeders' Association through the generosity of one of its well known members, George W. Browne, Waukesha, Wisconsin.

THE THIRD RECORD OF MURNE COWAN 19597

MURNE Cowan 19597, former world's champion over all breeds, and still holding the highest record for Guernseys, has come back with a third record. This record, completed when twelve years old, while not equal to her preceding ones, demonstrates her great staying power and ability as a producer. No effort was made to break or even equal her former record, but rather to show what she would do under ordinary conditions.

In July, her first full month, one of the most trying ones in the year on account of heat and flies, she gave over 1800 pounds of milk and ninety-three pounds of butter fat. Every month she gave well over 1000 pounds of milk and fifty pounds of fat, completing the year with 17383.5 pounds of milk and 791.76 pounds of fat. Her average per cent. of 4.55 differs only two-hundredths of a per cent. from that of her world's record which was 4.57. This shows her consistency, and that richness of milk is an inherent quality of the individual, and changes but little under normal conditions, though quantity may be affected very materially by feed and care. Her year's work was supervised by the dairy department of the Ohio State University, from which a different man was sent each month to conduct the tests.

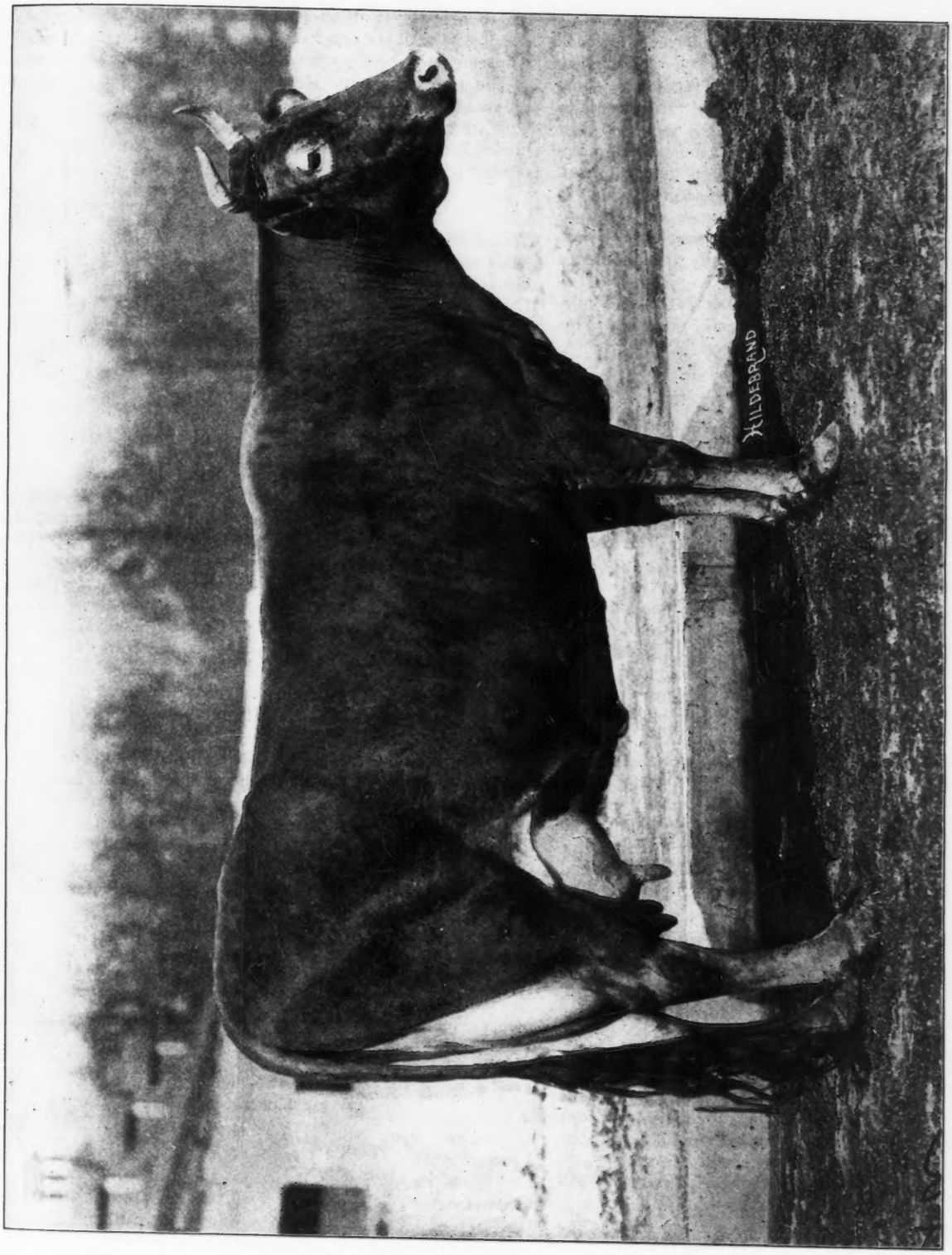
Her record of 24008.0 pounds of milk and 1098.18 pounds of butter fat, which won her the coveted title of "World's Champion" two and one-half years ago, still remains unchallenged among Guernseys. The average for her three yearly records is 19373.6 pounds of milk and 911.78 pounds of fat, figures which we think have not been approached by a cow of any breed.

She has three sons and three daughters registered, and still has many years of usefulness ahead of her. Neither her sire nor dam have Advanced Register records, not from lack of ability, but because their owners did not give them the opportunity. Her grandsire, Lily Ella's Jeweller 5417, A. R., has forty-four registered daughters, six of which have made nine Advanced Register records, and thirty-eight sons, four of which are in the Advanced Register, and five others with one Advanced Register daughter each.

Murne Cowan 19597 was purchased at a very low price with eight others. She went into the largest herd in the country, and was given her opportunity. More than 260 records have been made at Mr. O. C. Barber's Anna Dean Farm, at Barberton, Ohio, quite a number of which hold prominent places among the Class Leaders. Three other cows in the herd have gone well over the 900 pound mark, and show an average of 946 pounds of fat, while twenty-nine cows show an average yield of 805 pounds of fat.

The record of Murne Cowan 19597 has thus been made under similar conditions with that of many others, proving her superiority as a really great cow. Her production by months follows:

Month		Milk lbs.	Butter Fat %	Butter Fat lbs.
June 28,	1916	212.30	5.18	11.00
July,	"	1807.40	5.18	93.62
Aug.,	"	1655.30	3.95	65.38
Sept.,	"	1726.90	3.84	66.31
Oct.,	"	1684.40	4.41	74.28
Nov.,	"	1607.90	4.65	74.77
Dec.,	"	1485.40	4.69	69.67
Jan.,	1917	1429.50	4.38	62.61
Feb.,	"	1173.40	4.52	53.04
Mar.,	"	1226.80	4.66	57.17
Apr.,	"	1215.90	4.53	55.08
May,	"	1104.80	5.13	56.68
June,	"	1053.50	4.95	52.15
Total		17383.50	4.55	791.76



MURNE COWAN 19597, A. R. 1906 holds the World's Guernsey Record for Production, and has just completed another record of 17,383.5 lbs. of milk and 791.76 lbs. fat at eleven years of age. This profitable cow besides having produced the records given below has six registered calves to her credit. She was sired by Fantasia's Jeweller 7259 and out of Janet Brown 12403. She made all her records at the Anna Dean Farm, Barberton, Ohio.

Records : 16,729.3 lbs. of milk; 845.41 lbs. of fat at 6 years of age
24,000.8 " " " 1098.18 " " " " 8 1-2 " " "
17,383.5 " " " 791.76 " " " "11 " "

THE FEEDING SITUATION

By PROFESSOR E. S. SAVAGE

THIS article is written with the idea to present the facts as the author sees them regarding the purchase of feeds at the present time. It is fully understood that trying to forecast the market for feeds for the coming winter is trying to do something that is very probably impossible for anyone. However, there are some facts that it may be well to discuss now. One thing seems to be sure. There is to be a car shortage. It is felt even now so that two and probably three weeks are necessary to move a car of feed across the country. It is certain that the stock of feed in the hands of dealers is low because of the fear to buy on a high market. Therefore an important fact to consider right now is that unless feed is purchased for at least one month ahead it may be absolutely impossible to get it when it is needed.

Feed can be purchased today (September 24th) at wholesale for $50 per ton or a little less for a good mixture. This estimate is based on the following mixtures:

800 lbs. ground oats at 45.30	$18.12	
400 lbs. wheat bran at 38.00	7.60	
200 lbs. distillers dried grains at 59.00	5.90	
200 lbs. gluten feed at 57.00	5.70	
200 lbs. cottonseed meal at 57.00	5.70	
200 lbs. old process oil meal at 55.00	5.50	
		$48.52

This same mixture cost on August 25th, 1917, if ordered from the same source, $47.70. This shows that between August 25th and September 24th, 1917, feed advanced about one dollar per ton. How long such advance will continue no one can tell. The effect of the work of the food administration at Washington will not cause the price of by products to go any lower so far as any indications apparent at present show. This cannot lower prices for two months. The effect of the oat crop cannot lower them further. There remains only one big factor and that is the corn crop. Perhaps the arrival of new corn on the market may cause prices to drop. But this effect will not be felt before the last of October so that one cannot get his order in after that to be sure of any feed based on the prices affected by the corn crop before January 1st. Therefore it seems to the writer that orders for feed to be used in November and December should be placed as soon as possible. It may be well to wait to see what the effect of the corn crop will be before ordering feed to be used after January first. Persons who are particularly desirous of using distillers dried grains in their rations should order them now for the entire winter's feeding.

The Selection of a Mixture

The present conception of a balanced ration is one that will provide a variety of foods from three or more different plants, one or two of these foods to be roughage, usually a dry roughage such as hay and a succulent roughage such as silage, and at least three different grains in the mixture of concentrates. It is thought that in providing such a ration the bodily needs of the cow will be met, the calf will grow as he should inside the mother and the proper ingredients for the manufacture of the milk will be furnished.

The question of hay is easy this year because hay is cheap, the best grades at the barn bringing not more than $12. Hay has increased in price less than 10% in 1917 over the average of the period of years 1910-14. Silage is worth more than usual because of the grain it carries. The best possible use of roughage must be made because as shown above the mixture of concentrates will cost about $50 per ton. In 1910-14 the mixture of concentrates cost about $30 with the roughage at about the same price as now. Therefore the best possible use of roughage must be made.

The above mixture of concentrates was selected in the following way. Quotations are received weekly from one firm which handles practically all kinds of feeds. The following table was then prepared from the quotations of September 24, 1917:

Feed	Price per ton	Total digestible nutrients in 1 ton	Cost of 100 lb. total d.g. nutrients
Wheat bran	$38.00	1218	3.12
Malt sprouts	45.00	1412	3.19
Ground oars	45.30	1408	3.22
Distillers dried grain	59.00	1778	3.32
Flour middlings	53.00	1564	3.39
Gluten feed	57.00	1614	3.53
Linseed meal	55.00	1558	3.53
Cottonseed meal	57.00	1564	3.64
Hominy feed	62.00	1692	3.66
Brewers dried grains	49.00	1314	3.73
Wheat mixed feed	52.00	1340	3.96
Ground barley	66.50	1588	4.18
Corn meal	81.50	1676	4.86

This table shows at once that total digestible material is cheapest in wheat bran, next cheapest in malt sprouts, third cheapest in ground oats, etc. This gives a basis for calculating a mixture because a feed is really bought for the digestible material in it.

The next point to be considered is the manurial value of the different concentrates available. According to "Feeds and Feeding" by Henry and Morrison, a dairy cow returns in the manure 75.5 per cent. of the nitrogen and 89.7 per cent. of the phosphoric acid and potash in her feed. Under good conservation methods these percentages should be at least 50 per cent. of the nitrogen and 75 per cent. of the phosphoric acid and potash in the manure as it is put on the land. This is allowing a 25 per cent. loss of the nitrogen and 15 per cent. of the phosphoric acid and potash in the handling of the manure. These constituents are relatively highly available in the manure produced from concentrates. Therefore in the purchase of feeds the manurial values should be given consideration when the cost of manurial elements is so high. Computed on the above percentages the value of the manure arising from one ton of each of the feeds listed above is as given in the table below. The second column gives the net cost of 100 pounds of total digestible nutrients in each feed after credit has been given for the manure.

Feed	Manurial value one ton	Net cost of 100 lbs. total dig. nutrients
Malt sprouts	10.10	2.46
Wheat bran	7.81	2.48
Cottonseed meal	15.87	2.63
Linseed meal	11.87	2.77
Distillers dried grains	9.43	2.79
Ground oats	4.53	2.88
Gluten feed	7.91	3.05
Flour middlings	5.13	3.05
Brewers dried grains	8.37	3.10
Hominy feed	4.62	3.39
Wheat mixed feed	6.08	3.42
Ground barley	4.42	3.90
Corn meal	3.37	4.66

The nitrogen is computed at a value of eighteen cents per pound, phosphoric acid at four one-half cents, and potash at five cents, very low values as compared with present prices for commercial fertilizers. The next step in the study is to make a selection for the mixture of concentrates. The experience of good feeders of animals, notably those who have fed for Advanced Register records, seems to indicate that better results are derived from a mixture of six or seven good concentrates than if the mixture is confined to two or three feeds. Therefore the writer usually recommends about six unless there is some outstanding reason for using less. A study of the two tables given above will show that ground oats stands within the first six both when manurial values are considered and when they are not. Since this shows that oats are a relatively cheap source of nutriment in the ration and since it is known that very large quantities of oats are on hand this fall it is deemed wise to put a good proportion in the ration. Therefore 800 pounds were taken. Oats are a good milk producing food, palatable, bulky, generally available and relatively cheap. The next desirable food in the mind of the writer occuring near the top of both lists is wheat bran and 400 pounds of this well known feed is put in. That makes 1200 pounds out of the ton and takes care of the necessary bulk. It is known that to secure sufficient protein in the ration when ordinary roughage is fed, a little more than one third of the mixture of concentrates must be made of high protein feeds. Twelve hundred pounds of the ton have been already determined upon. Therefore it is clear that the other eight hundred pounds must be high protein feeds. A glance at the lists that have been made will show that distillers' dried grains, gluten feed, oil meal and cottonseed meal all stand well up towards the top of the lists particularly when manurial values are given consideration and the writer wishes to put particular stress on manurial values.

Knowing that these four high protein feeds areall particularly valuable as milk producers and since there is no great difference in price it is immediately decided to divide the eight hundred pounds necessary to complete the ton equally among them. Therefore the mixture plans itself out as given in the beginning of this paper, namely:

800 lbs. ground oats
400 lbs. wheat bran
200 lbs. distillers' dried grains
200 lbs. gluten feed
200 lbs. cottonseed meal
200 lbs. old process oil meal

To one who has given this paper careful attention so far the thought will naturally occur, "Why have malt sprouts been disregarded?" The answer is that malt sprouts are often not available and second, the writer does not like them as a milk feed. Further the protein is not in so desirabe form as in the other high protein feeds and malt sprouts contain many weed seeds that are still viable, that is, they will still live and grow after passing through the cow into the manure. If one can buy them cheaply and likes them they might take the place of part of the bran and oats.

If market conditions, source of supply and such things make it desirable the distillers' dried grains could be left out and another hundred pounds of oil meal and one of gluten feed put be in their place. If no silage is available the cottonseed meal may be left out and 200 pounds more oil meal be put in its place. It will be seen from this that the above mixture is a very flexible one to be used as a basic mixture and varied through the winter as source of supply and price dictate.

There is no doubt in the mind of the writer that oats and wheat bran will be the cheapest source of supply and plans should be laid to put in a supply of these feeds to make up at least one half of the grain needed. The supplements of high protein feed may then be bought cautiously but one should make sure that he does not wait too long and get caught by car shortage. It should be planned to keep at least one month's supply of all feeds in sight at all times.

The above is offered as the result of the author's study and opinion of the feeding situation at the present time. It is believed that the above basic mixture will hold in general through the winter as a cheap mixture to buy when its high grade is given consideration.

To show how this mixture will fit in with ordinary roughage a ration is computed in full below for a cow weighing a thousand pounds and yielding daily twenty-five pounds of 5 per cent. milk:

	Digestible protein	Total dig. nutrients
For maintenance	.700	7.925
For 25 lbs. milk 5% fat	1.825	10.050
	2.525	17.975

	Dry matter	Digestible protein	Total Digestible nutrients
10 lbs. mixed hay	8.780	.400	4.620
30 lbs. corn silage	7.890	.330	5.310
4 lbs. ground oats	3.632	.388	2.816
2 lbs. wheat bran	1.798	.250	1.218
1 lb. distillers' grains	.934	.224	.889
1 lb. oil meal	.909	.302	.779
1 lb. cottonseed meal	.925	.370	.782
1 lb. gluten feed	.913	.216	.807
	25.781	2.480	17.221

The nutritive ratio is 1:5.9.

This shows that the mixture fed at the rate of one pound of grain to three of milk, as is customary with 5 per cent. milk, will meet practically all the requirements of a good ration according to the Modified Wolff-Lehmann Feeding standard.

The Dairymen's League Dairy Feed

The Dairymen's League Dairy Feed is now being manufactured and sold according to the plan outlined in this Journal August 15, 1917. This Dairy Feed is manufactured by reliable concerns and is in the opinion of the writer as good as the mixture in this paper. Where plans are fully perfected it will be cheaper to buy the League Feed and simpler than to mix one's own mixture. Both methods of buying are here given because many will prefer to make their own mixtures and for them the author has outlined his own method of studying the feeding situation at present and has presented it for what it is worth.

Just as the last lines of this article are being written a message has been received that the distributors have agreed to sign up for milk for October and November at the League prices. Current statements in the daily press say that the Food Administration at Washington promise lower prices for feed. These prices for feed can not be effective soon enough to affect what one must pay for the feed to be used previously to January so the statements here presented are believed tobe the vacts of the feeding situation and this will be the situation until well into December and January.

INTENSIVE AGRICULTURE IN THE CHANNEL ISLANDS

By FRANK. S. PEER

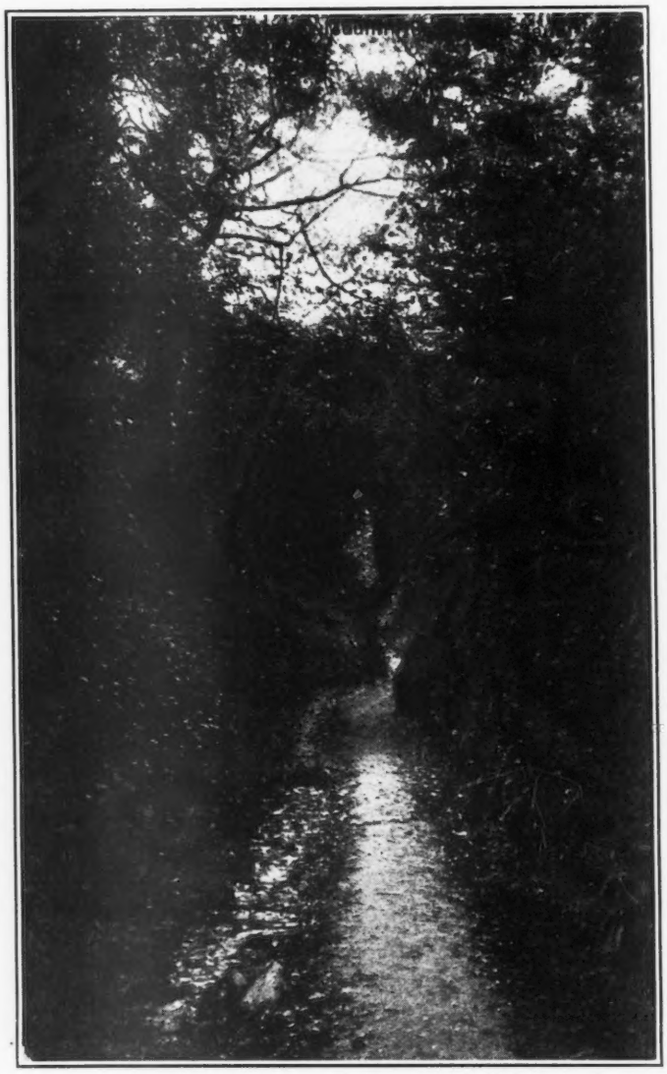
IN my younger days (which is longer ago than I care to see expressed in figures), I had considerable experience in intensive farming on what to begin with, was an old "worn out" farm in Wayne County, New York. This was way back in the seventies and early eighties.

The story of my disappointments, failures and ultimate success on the old farm is well known to many readers of "Soiling Summer & Winter," published in 1881 (revised and republished in 1899 as "Soiling, Ensilage and Stable Construction"). By winter soiling, I refer to what has since been called Ensilage, which was at that time a newly-born John the Baptist whose teachings were destined to revolutionize the agricultural world in all of its phases.

The Pleasure of Farming

Whoever has followed my downs and ups in said publications will easily imagine how, after an interval of nearly forty years, I am finding greater pleasure than ever in again demonstrating the advantages of a system of agriculture that during my younger days thoroughly engrossed my attention and absorbed much of my time, but which finallyenabled me to redeem a "worn out" farm and win it back to great productiveness and fair profit.

Formerly I preached soiling and later ensilage in season and out, to anyone who had the hardihood to listen. I looked upon it like a newly-discovered religion, and felt like a self-appointed missionary that *must* lose no opportunity to proclaim the good news, and make as many converts as possible to a system that seemed, at the time, to be *the true gospel of agriculture.* It seems to me even now (1) that the science of agriculture and the art of farm husbandry consist in taking from the soil the greatest possible yield, at the same time leaving the soil in as good or better condition for the ensuing crop as it was before the previous crop was taken— (2) that the secret of successful farm management lies in seeing how much, *not how little* farm plants as well as farm animals *can be made to consume,* consistent with the preservation of health and vigor, above that they are obliged to consume just to live and pay the cost of running expenses—(3) that farm plants, like animals, live, feed, grow and die, and that in any case they are factories for converting raw material of a lower value into something of greater value—(4) that the success in the management of either plant or animal factories, as in the case of any other manufacturing concern lies in the ability of the owner to feed or put through that factory the greatest possible amount of raw material it can be made to consume, consistent of course with the strength and ability of the machinery to do the work—(5) that the art of making two, three, four, five and even six or more blades grow where formerly, naturally, there grew but one is the highest standard of farm efficiency.



LE VALLON FARM WATER LANE

If the above hypothesis is correct, and I believe it is, then I say now as in the seventies, that the adoption of the soiling system furnishes the surest, safest and most economical method of farm management that can be mentioned. Anyone can grow some sort of a crop from almost any sort of soil *or live off of* the fatness of a virgin soil, but that's not farming—that's not agriculture.

When we note that in the States, where only a few years ago, much of the new farming lands of the country were producing (to begin with) forty, fifty and even sixty bushels of wheat an acre, and that now these same fields are only growing from fifteen to twenty—and how the yield for the whole United States is only about fourteen bushels an acre, and how hundreds of thousands of acres must be producing even less than this to bring the average down so low we begin to realize how little we know as a nation about farming. When we see men by the thousands, who have worn out one or two good farms, leaving them to go into Canada or further West—where a shortsighted Government Land Policy encourages them to continue their systematic, legalized robberies, we realize what a change is needed in our methods of farming. That change is coming, and it is coming fast. When the population increases so it is a case of "root hog or die" or when and where farming pays—or again when this generation of Government-made-gift-land proprietors (only a small majority of then can be called "farmers") die off and some real farmers fill their places. Then may we expect to see in the States, the business of farming take

Le VALLON FARM COURTYARD, GUERNSEY, CHANNEL ISLANDS

ISLAND HOME OF MR. F. S. PEER

its place at the head of all manufacturing concerns—the feeding and clothing of the ever increasing millions.

English Farmers

During the past twenty-five years, I have been touching upon the subject to many of my English farmer friends but so far as I know to no purpose. Americans are greatly handicapped over here by having the reputation of being such cheerful exaggerators. No one at home is deceived by it but over here it is often mistaken for lying. For this reason, I am always afraid to tell more than half the truth about Soiling and Ensilage, Alfalfa, etc., for fear that what I said would be dismissed as the product of a Yankee's fantastic brain, and his natural gift for romancing.

In writing an account of my experiences over here for American readers, I am not so shy, I know for a fact there are thousands of American farmers and dairymen at home who have accomplished more and produced even better results, by adopting the Soiling and Ensilage system, than ever I claimed in my most sanguinary flights.

The trouble in England, as is often the case in America, is that the farms are too large, and *necessity*—the sweet mother of all inventions—not great enough to encourage its adoption, especially where it means radical changes. It is even more difficult in England than at home, for here farm tenants and farm laborers are, as a rule, descendants of farm tenants and farm laborers, so that the English landlords are greatly hindered in their attempts to introduce new methods.

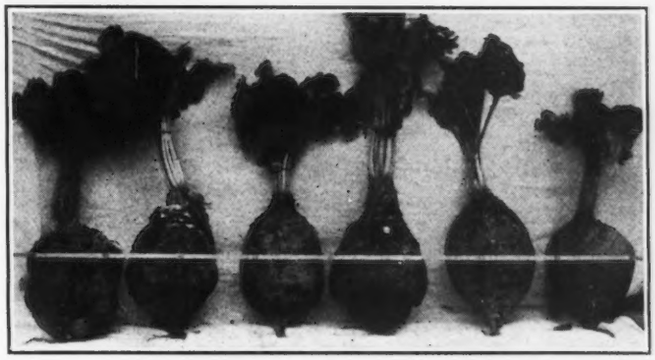
Effects of the War on Agriculture

The present, greatest of all wars will certainly revolutionize agricultural methods in Great Britain and a good many other things as well. The buying of large estates by the Government, and cutting them up into what is called "small holdings" will, I prophesy, develop intensive farming to an extent never dreamed of heretofore. All this and more has stimulated me to try and show what can be done by straight *farming* on a small tract of land. By straight farming, I refer to growing live stock and ordinary farm crops, as contrasted with truck gardening, fruit culture, horticulture, etc.

Back to the Farm

With the foregoing in mind, and always the want of a bit of farming land pestering around in the back of my head, an opportunity came some four years ago to rent a farm to my liking, with an abundance of stabling, on the Island of Guernsey—where, as our old professor of algebra used to say "Now, Mr. Peer, will you kindly proceed to elucidate the problem!"

RYE—FIRST SPRING SOILING CROP



SIX SELECTED BEETS WEIGHING 129¼ POUNDS. AVERAGE THICKNESS 14 INCHES

When first I became a convert to the soiling system, it was because it was forced upon me greatly against my will, but I have long since acknowledged that it was just the sort of agricultural schooling I most required. Now the forcing comes the other way about, and I find myself working out the same fascinating problem of how to redeem the fertility of an exhausted soil. This last enterprise, however, has the advantage of experience behind it that knows for a certainty it can be quickly and economically done.

The Best Farmers in the World.

No finer example of intensive agriculture can be found in the world than is to be seen in these Islands. If England did only half as well, she would feed her own people bountifully. As it is, she imports hundreds of millions of pounds worth of farm and garden produce annually.

In the Channel Island, soiling is the rule and pasturing (except the system of tethering the cows in milk) is the exception. The only difference, therefore, in my system of soiling is in stabling the cattle daytimes and turning or tethering them out nights instead of tethering them out to grass or even to soiling crops day and night.

On the Island of Jersey straight farming is principally in practice, unless the growing of a crop of early potatoes on a large scale can be called truck-farming. On Guernsey, however, cut flowers, bulbs, gardening and especially the growing of vegetables under glass is the Islanders' long suit.

A 20,000 Acre Farm

Jersey, for instance, has about 20,000 acres under cultivation—the average size farm is about eight and one-half acres. She has a population in round numbers of 55,000—40,000 to 50,000 visitors annually (before the war), over 12,000 head of cattle, all kinds and ages, 7,000 horses, 15,000 swine, to say nothing of sheep, goats, poultry, pigeons, dogs and cats.

This 20,000 acre farm not only supplies all these people and animals as far as they require *from what is grown there* but besides that they exported (from this 20,000 acre) between $3,000,000 and $4,000,000 worth of farm products and cattle annually.

Guernsey does even better than this, exporting mostly garden products—between $450 and $500 an acre, for every acre under cultivation, which includes something like 700 acres under glass.

While the account of my own small holding is hardly worthy of mention over here, and I am still a long way behind the best results as obtained in Jersey, I venture to tell your readers how my own system of soiling has been applied over here, and what it has enabled me to accomplish in the

MOULIN HUET BAY AS SEEN FROM LE VALLON FARM

way of intensive farming. I could show far better returns and larger profits by truck gardening, but I prefer to stick to farming pure and simple.

A 25-Acre Farm

The farm I rent contains 25 acres of tillable land inside the fences. This sized farm over here is quite *an estate*, in fact it is three adjoining farms which formerly were worked as three separate holdings. Prior to my taking possession of these farms, they had been mostly rented by fields to non-residents (yearly tenants who, after the manner of such men generally, took away all they could get and put little or nothing back). This process of yearly robbing the soil of its fertility had so reduced the yield that when I took it it would not average over three quarters of a ton of hay an acre, and some of the fields less than half a ton an acre. I pay about $30 an acre or $750 annual rent. At about three-quarters of a ton an acre, there would be say twenty tons off the twenty-five acres, thus

Rent per annum	$750
Twenty tons of hay at $25 (pre. war value) per ton	500
Loss	$250

This leaves me $250 short of paying my rent. It was apparent from the first that I was up against the same old problem I experienced on the old "worn out" farm in Wayne County (over forty years ago).

How this twenty-five acre outfit has been brought up in four years to produce four and in some cases even five tons of hay a acre is easily and quickly told. The following represents the difference in the fertility of the soil if the whole was devoted to hay:

At 4 tons an acre, 25 acres, 100 tons at $25 per ton	$2,500
Rent	750
To the good side	$1,750

I don't mean to say we have made that much money, it merely represents the farm's gross capacity—in growing 100 tons instead of twenty. I was fortunate to have on this farm a splendid set of buildings, so that, with a little outlay, I was able to house seventy-five head of cattle, all ages, on the three farms From the first my faith was in barn yard and especially in liquid manure, as the best and most economical method of redemption. I therefore stocked the place very heavily, keeping the first year fifty to sixty head, all ages, and the second year as many as seventy and for some time as high as seventy-seven head. Of course, we had to buy most of the hay and all of the grain, but we were manufacturing our own fertilizer for the farm's upbuilding very fast. The stables at the home farm (accommodating fifty eight head, all ages) and draining into a large liquid manure cistern, in addition to which I built a large manure pit with a cement floor that also drained into the liquid manure cistern. One half of the manure pit is filled at a time, and as the manure comes from the stable at an elevation of twelve feet, it holds a great quantity of manure. This manure is left until thoroughly rotted. It it shows signs of heating, a hose is turned on. It is open to all the rain and when finally put upon the soil, is of the consistency of soft cheese and can be handled with a shovel. In this state, it is easily dissolved by a shower of rain, and practically becomes liquid manure and immediately available for plant food. Besides that, there is a very great saving in carriage, (probably five loads—possibly more is reduced to one). I consider this a very great item and the cheapest way of getting rid of weeds for all weed seeds have rotted or been destroyed. Most of the land devoted to hay gets six dressings of liquid manure during the season. Alfalfa and soiling crops the same. I am a real crank on the use of liquid manure. I don't know of any one thing in the whole routine of farm equipment that can show such splendid profit for the money expended as a liquid manure cistern. No farm large or small should be without one.

As I rented this twenty-five acres for only five years, with the privilege of five more, I was naturally in a hurry to change a losing proposition to a paying one. I therefore invested about $500 the first year in commercial fertilizer as a "starter." Since then, we only use about 100 pounds of basix slag, and as much nitrates an acre on the grass land devoted to hay, about one ton to twelve acres. Beginning in 1916, we reduced the stock to about what the farm would support, not only with forage and hay, but grain as well. During the year we had, in round numbers as follows:

Soiling crops	5 acres
Pasture paddocks	2 acres
Note (1) Hay	12 acres
Note (2) Grain	4 acres
Note (3) Roots	2 acres
	25 acres

In 1917, we have four acres for soiling crops and three for roots. We mean to keep, as nearly as possible, this ratio.

(1) After the hay is harvested, the land is grazed over by tethering three or four times up to mid-winter, so that the four tons of hay an acre does not represent the total feeding value of the twelve acres.

A CROP OF HERO OATS FOR SEED, STANDS OVER SIX FEET

(2) In addition to the grain, there were over four tons of straw. The roots are grown after the first spring soiling crops of rye. The root crops should have been at least twice as large last year except for the fact that a good portion was destroyed by rabbits. A record yield on the Island of Jersey is about 80 tons an acre after a crop of highly fertilized early potatoes.

This year we have nearly three acres of roots—beets, turnips, parsnips and carrots—all sown in succession after soiling crops. After roots, the ground is all sown to rye again for first soiling crops. Next spring, what is not required is ploughed under or made into hay or bedding. We begin cutting it when it is about a foot high. We have two hoed crops of roots in succession as a means of cleaning the land as thoroughly as possible for the crops that follow, especially hay.

Number of Animals

The average number of cattle supported on this twenty-five acre farm last year (1916) was as follows: We did not grow all the grain required, but sold ten tons of hay, which about made up the extra grain bill.

Month	Aged Bulls	Yearling Bulls	Calves Bulls	Aged Cows	In-calf Heifers	Yearling Heifers	Calves Heifers	Total
January	4	–	–	15	17	12	5	53
February	4	–	2	14	19	5	–	44
March	4	–	–	14	13	5	–	36
April	4	–	–	14	13	5	–	36
May	4	1	–	13	13	5	2	38
June	2	3	1	8	4	5	3	26
July	2	3	1	9	4	5	4	28
August	2	2	–	10	7	10	6	37
September	2	1	3	15	8	11	8	48
October	3	1	–	6	3	10	8	31
November	3	1	–	8	12	8	1	33
December	3	1	–	4	12	8	1	29
								439

Total number of cattle 439 divided by 12 all ages average for 1916 36½.

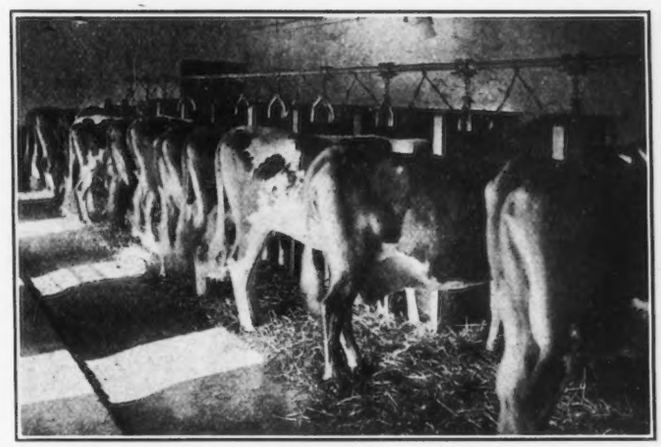
Total number of swine 173 divided by 12 all ages average for 1916 14½.

Horses 1916 2.

Poultry, 25 to 50 head.

The moral of all this is that there are hundreds of thousands of farms in the States that, if stocked to their limit, would,

TWO AND ONE-HALF TONS OF HAY ON ONE-HALF ACRE



14 HEAD OF DAIRY COWS ON LE VALLON FARM

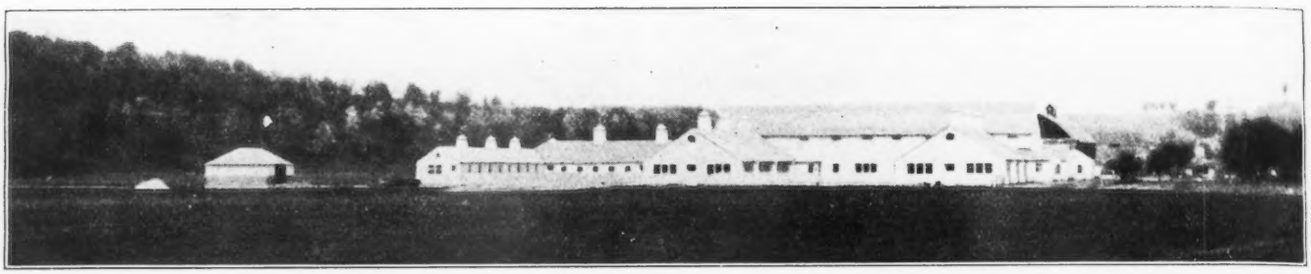
in a few years turn a losing or standstill proposition into a good paying investment. More stock, more manure—more manure, larger crops—larger crops, more stock, that completes the circle and is about the whole story in a nutshell. Or as in my case on a rented farm where time is more valuable—an expenditure the first year of $20 to $25 an acre for fertilizer should do the same thing by shorter route.

Increased Acreage of the Farm

The greatest outstanding feature of the advantages of soiling is *the saving of land* and this is just what many fail to see. Even some experimental stations have failed to grasp this most distinctive feature of the system. On land producing, say, one ton of hay an acre, it requires by pasture and hay about five acres a year to support a full grown cow. By adopting strict soiling systems, and sowing the same acre to, say oats and peas, it should produce nearly a year's feeding for one animal, for half a square rod a day is a liberal allowance for an animal on land capable of growing one ton of hay an acre, (an acre contains 160 square rods) When the same acre reaches two tons of hay an acre, about one-quarter of a square rod (4⅛ by 6½ feet) is all and usually more than an animal can consume—this means that the feeding capacity of the acre is four days for each square rod or 640 days' feeding for one animal. Again, when the same acre is made to produce four tons of hay an acre, it will make the same acre soiled from, feed eight head of cattle a day a square rod or one animal for 1280 days—or three and a half years. At the present date, July 17th, 1917, we have just completed a week's feeding for ten head of full grown animals on seven square rods of oats and peas. This means ten days' feeding for each square rod or 1600 days feeding for one cow an acre. The land was formerly used as a vegetable garden. The oats stand over five feet high—the land would probably grow at the rate of five tons of hay an acre. By winter soiling with maze or ordinary soiling crops made into silage the saving of land over hay as in summer over pasture works out about the same.

It is passing strange how few people realize this distinctive feature of the system—it is so great and undeniable that the question of extra labor is nothing but a bugbear and a very small bug at that. I do not know of a single farm operation where such a big profit can be had for the money expended in extra labor. The other advantages of soiling may be briefly mentioned—the saving of fencing, saving of manure, production of beef, pork, mutton, milk or butter and especially the greater comfort and better conditions of animals soiled over those pastures, they are in their stalls to be

(Continued on page 295.)



BARN ON THE FOX ESTATE, FOXBURG, PENNSYLVANIA, NEW HOME OF MAY ROSE KING 2d 13130

WOODEND FARM GUERNSEY SALE

High Average Reached in Minnesota

THE sale of 116 head of Guernseys from Woodend Farm, while not a dispersal sale, included the larger part of the home herd, seven cows and some young stock being reserved for home use and the nucleus from which it is hoped a larger herd will grow in time.

Mr. Albert C. Loring, president of the Pillsbury Flour Mills Company, one of the largest milling corporations in the country, has been asked by President Wilson to take the supervision and direct the distribution of wheat to the big elevators and mills in the Northwest. Pressure of government work, together with his own milling interests, caused him to decide upon eliminating the care of his dairy herd at this time, when labor and other problems add greatly to the task.

Woodend Farm herd has been one of the oldest in the state of Minnesota and one of the largest on the Northwest. It was founded with the idea of building up a herd of producing animals which it would be a source of pride and satisfaction to own. In doing this, animals of the most popular strains, selected both in this country and on the Island, have been used for foundation stock. Recognizing at once what Advanced Register work would mean to the breed, Mr. Loring was one of the first to enter his cows, and Mary Marshall 5604, A. R. 15, was put on test in 1901, and was the twelfth cow to complete a yearly record. She is, however, better known for her history making work in the Pan-American Model Dairy Breed test. Pride of Maplehurst 10070, A. R. 25, was entered a few months later, and Woodend Farm cows have been steadily making records all these years, until more than one hundred records have been made on the farm up to the present time. Eighteen average 547.90 pounds of butter fat and four 617.83 pounds of butter fat. The opinion regarding this long term of Advanced Register work in the herd was well shown by the prices breeders were willing to pay for these cows at the sale.

Imp. Cora's Governor of Chilmark 8971, A. R., a son of Governor of the Chene R. G. A. S. 1297 P. S., A. R., was imported in dam by V. Everit Macy of Ossining, New York, and sold to Mr. Loring April 21, 1909. He has forty Advanced Register daughters, and has left some excellent progeny on the farm, many of which were listed in the sale catalog.

IMP. VALENTINE'S SQUIRE 28093

Sire—Golden Sceptre 2761 P. S. Dam—Valentine III 7514 P. S.

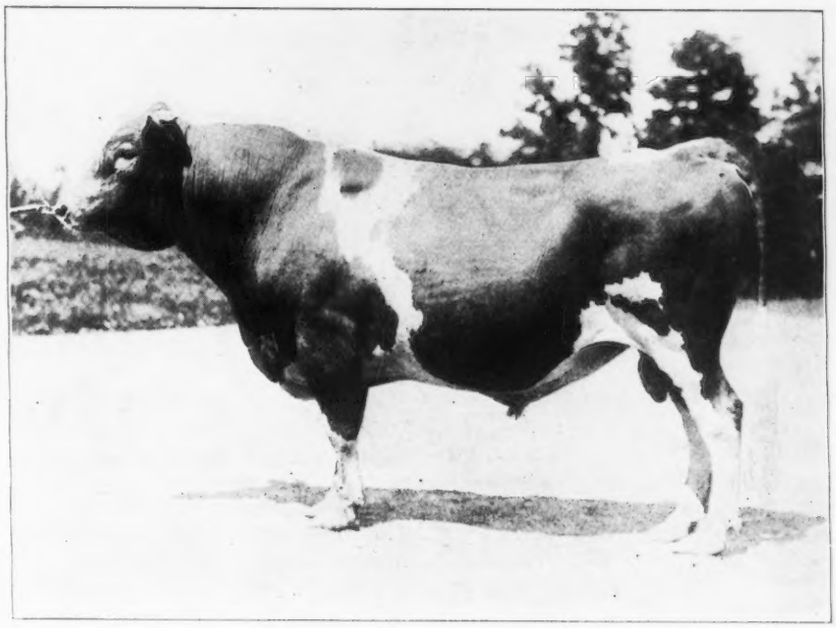
SOLD FOR $1130 TO ROCK RIVER FARM, BYRON, ILLINOIS

The sale occupied the afternoons of two days, and was well attended, not only by Minnesota breeders but quite a number from other states. The highest price was paid for the bull May Rose King 2d 13130, A. R. Carrying, as he does, with perhaps one exception, the largest amount of the blood of May Rose 2d 3251 P. P., he was eagerly sought for and competition was keen. Minnesota bidders dropped out soon after passing the $1000 mark, and at the finish the bidding was between J. L. Hope of Madison, New Jersey, and George O. Sedgewick, the latter buying for the Fox Estate at Foxburg, Pennsylvania. He was finally struck off to the Fox Estate for $2000. the same price for which Mr. Hope sold him to Mr. Loring nearly four years ago.

May Rose King 2d 13130 though nine and a half years old, stepped into the ring like a four year old, and was ad-

mired by all for his style and finish, showing not only a good top line but great girth and depth, the qualities one likes to see in a dairy sire. His heifers, included in the sale, all showed the impress of their sire, and were exceptionally typy individuals. Mr. Hope secured eight of these to take back to Florham Farms, Madison, New Jersey.

It is interesting to note that May Rose King 2d 13130 A. R., together with three of his daughters, for which $1600 was paid, goes back East to one of the oldest herds in the country, though never a large one. William Logan Fox brother of J. M. Fox, imported to Philadelphia in 1872 his first herd sire, the bull Andalusia 19, as will be noted from his registry number, one of the first in the Guernsey Herd Book. The blood of this bull has come down through the herd, which at present consists of forty head. Fifteen of these are to be sold at the time of the Clarion County Guernsey Breeders' meeting this fall. It is planned to start Advanced Register work and give the heifers of May Rose King 2d 13130 an opportunity to demonstrate their ability. Fourteen daughters and two sons of this bull sold for an average of over $400.



MAY ROSE KING 2d 13130 A. R.

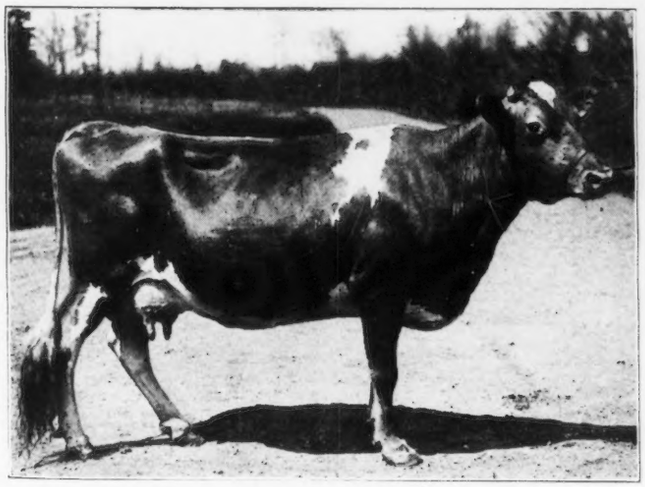
Sire—Imp. May Kose King 8336 A. R. Dam—Imp. Secret's Primrose 18907

SOLD FOR $2000 TO THE FOX ESTATE, FOXBURG, PA.

The bull Imp. Major of the Vimiera 28092 was purchased by Prof. H. E. Dvořachek for the University of Arkansas at Fayetteville, together with three cows, for less than $1500. This bull, a son of Imp. Roberts Boy 21662, A. R., was sold at the bargain price of $210. It gives another of our state universities, at a nominal price, the foundation animals for a Guernsey herd, and should mean a growth of interest in that state.

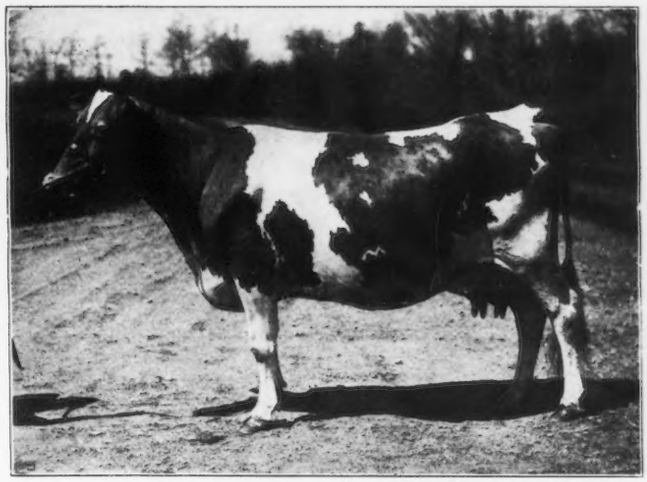
The third mature bull offered was Imp. Valentine's Squire 28093, a son of Valentine III. 7514 P. S. This cow has a record of 783.10 pounds of butter fat, the largest record made on the Island. Aside from this she has won the Champion Cup Challenge Cup King's Cup, and more recently the Whitsuntide Silver Cup, for best cow exceeding her requirements by more than fifty per cent. Her dam, Valentine II. 3193 F. S., has four Advanced Register, daughters, showing the highest average for any cow of the breed. She was sired by Harley of Chitral 1182 P. S., A. R., with three Advanced Register daughters. One of these Imp. Froome's Queen 28706, A. R. 4121, has four records, two over 500 pounds and two over 700 pounds of butter fat. Imp. Valentine's Squire 28093, with such breeding back of him, should have sold for a very much higher price than he did. He was bid in for $1130 by Mr. Henry Fielden, for the Rock

(Continued on page 296)



FIRST DAWN OF WOODEND 38659 A. R. 3440

Record: 8870.5 lbs. milk; 473.68 lbs. fat, class G.
11463.2 " " 606.98 " " " G.
Sire—Imp. Cora's Governor of Chilmark 8961 A. R.
Dam—First Dawn 19096 A. R. 976
SOLD FOR $1000 TO W. W. WOLFE, KELLOGG, MINN.



ARABELLA OF WOODCREST 2d 35936 A. R. 4629

Records: 8602.4 lbs. milk; 482.10 lbs. fat, class C
Sire—Imp. Cora's Governor of Chilmark 8971 A. R.
Dam—Arabella of Woodcrest 22813
SOLD FOR $700 TO ROCK RIVER FARM

FIRST PRIZE BREEDERS' YOUNG HERD, MINNESOTA STATE FAIR, 1917
Four daughters of May King of Linda Vista 17946, headed by his grandson
Owned by Jean Du Luth Farms, Inc., Duluth, Minnesota

GUERNSEYS AT MINNESOTA STATE FAIR

By DR. M. B. WOOD

THE show of Guernseys at the Minnesota State Fair this year was not as large as it has been in former years, but the quality was high. There were nine exhibitors. Of these, three were large exhibitors who captured the bulk of the premiums, and six were small exhibitors, who showed from one to three individuals each and received places in the classes. One of the striking features of the event was the appearance of a new and very strong contender for honors in the Shorewood herd owned by D. D. Tenney of Crystal Bay, Minnesota. This herd in its initial effort captured graded herd, produce of cow, senior and grand champion bull, senior and grand champion cow and junior champion female, besides other places shown in the detailed list, and all this showing but thirteen head. They were beaten, however, in the amount of money won by Jean Du Luth Farm, who won $305 as against $258 won by Mr. Tenney. Mr. George C. Stone, Caribou Farms, was a close third with $241. Jean Du Luth showed the largest number, with twenty-three head, and won first on cow, four years old and over, with Imp. Fanny of Vallee du Creux 40658, a 700 pound daughter of Defenser 2152 P. S., first on cow three years and under and first on senior yearling heifer. In the groups they won first on young herd and first on get of sire, besides numerous places shown in the detailed list.

Caribou Farm showed sixteen head winning first on bull two and under three, first on senior bull calf, (this fellow, Caribou Romulus was also junior champion bull), first on junior one year heifer, and in the groups first on calf herd. Their cow, Sequel's Marie of Schuylkill 27599 placed second in the aged cow class, carried a beautiful and well balanced udder but was not as good in depths of body and veining as the Jean Du Luth cow. The small exhibitors had to be contented with places down the line, except Mr. J. Cyrus Ott who received first on his only entry, the senior one year bull, George of Chesney Farms 40697.

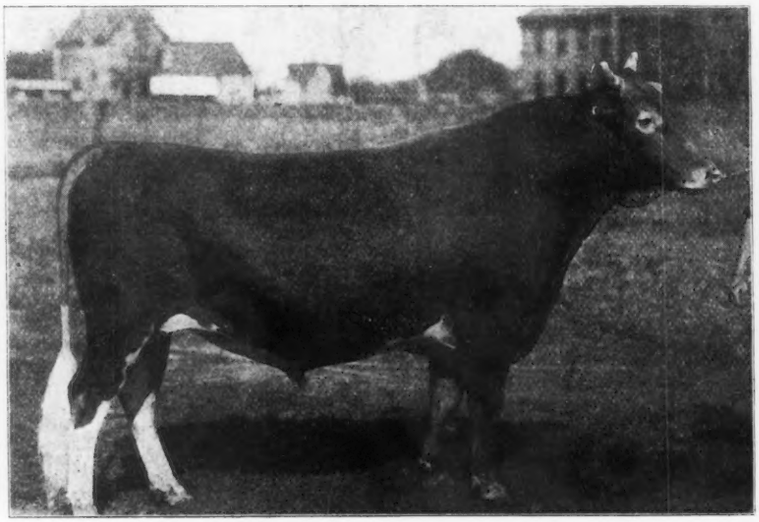
Going back, Ladysmith's Cherub 30760, who was senior and grand champion, we understand is to be shown at the National Dairy Show. We are told, however, that he will not meet his illustrious sire as he has "passed beyond." The grand champion female, Pearl's Dot 57445, bred by M. T. Phillips of Pomeroy, Pennsylvania, was in our opinion closely pressed by her stable mate, Ma Chere Procris 55855, bred by S. M. Shoemaker, Eccleston, Maryland, and it is possible that later in the year they may change places.

The Minnesota State Guernsey Breeders' Association was somewhat disappointed in the showing made outside of what may be called the professional showmen, and appointed a committee of three to consider and present at the annial meeting in January, suggestions for making a better showing by small breeders in Minnesota, either by revising the classification, offering special premiums or other ideas which may appear to be effective. I see, however, by the reports from Des Moines, that Minnesota beat Iowa several lengths in this matter.

Below find the list of awards, placed by William M. Jones of Waukesha, Wisconsin, a veteran breeder of Guernseys and a verteran in the show ring at the exhibitor's end.

AGED BULL

1. Ladysmith's Cherub 30760—D. D. Tenney, Crystal Bay, Minn.



LADYSMITH'S CHERUB 30760
SIRE—Imp. Hayes Cherub 2d 25174 DAM—Imp. Ladysmith of the Isle 28355
Owned by D. D. Tenney, Crystal Bay, Minnesota
GRAND CHAMPION BULL, MINNESOTA STATE FAIR

2. Starlight's Excelsior of Jean Du Luth 30157—Jean Du Luth Farm, Inc., Duluth, Minn.
3. Imp. Roehampton Croesus 3d 29894—Victor Steele, Albert Lea, Minn.
4. Austerlitz 25475—Jean Du Luth Farm, Inc.

BULL, 2 YEARS AND UNDER 3

1. Caribou King Albert 39281—George C. Stone, Duluth, Minn.
2. May Rose Searchlight 33074—Jean Du Luth Farm, Inc.

SENIOR YEARLING BULL

1. George of Chesney Farms 40697—J. Cyrus Ott, Albert Lea, Minn.
2. Golden Noble of the Lakes 37091—Jean Duluth Farm, Inc.

JUNIOR YEARLING BULL

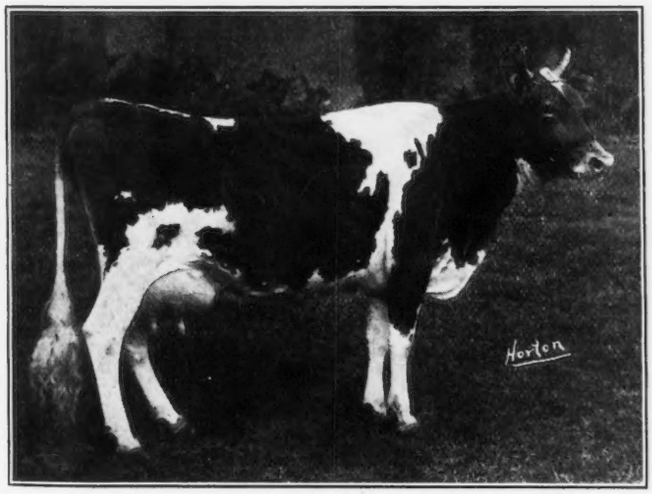
1. Sequel's Duke of Shorewood 39009—D. D. Tenney.
2. Brilliant of Clara Cooper Farms 38864—Jean Du Luth Farm, Inc.
3. Lady Gree's May King of Jean Du Luth 38186—Jean Du Luth Farm, Inc.
4. Adeline's Perfection 38707—M. S. & C. A. Skaar, Hayward, Minn.

SENIOR BULL CALF

1. Caribou Romulus 45494—George C. Stone.
2. Queenie's Austerlitz of Craigamoor 44764—Jean Du Luth Farm, Inc.
3. Howard of Fairy Falls 43869—John P. Nelson, Stillwater, Minn.
4. Navarino's Bob of Maplewood 44812—Victor Steele.

JUNIOR BULL CALF

1. Le Roy Starlight of Jean Du Luth 43729—Jean Du Luth Farm, Inc.
2. Althea's Pride of Shorewood 45044—D. D. Tenney.
3. Friar Chene of Jean Duluth 45095—Jean Du Luth Farm, Inc.
4. Caribou Captain 45496—George C. Stone.
5. Oliver of Fairy Falls—John P. Nelson.



IMP. FANNY OF THE VALLEE DU CREUX 40658
Record; 15107.6 lbs. milk, 704.42 lbs. fat, class A
SIRE—Defenser 2152 P. S. DAM—Bonny of Aval du Creux 3390 F. S.
FIRST PRIZE MINNESOTA STATE FAIR

SENIOR AND GRAND CHAMPION BULL

Ladysmith's Cherub 30760—D. D. Tenney.

JUNIOR CHAMPION BULL

Caribou Romulus 45494—George C. Stone.

AGED COW

1. Imp. Fanny of Vallee du Creux 40658—Jean Du Luth Farm, Inc.
2. Sequel's Marie of Schuylkill 27599—George C. Stone
3. Imp. Rosette of Marais Farm 67686—D. D. Tenney.
4. Imp. Althea of Sarnia 40208—D. D. Tenney.
5. Cora of Gerar 48309—D. D. Tenney.

COW, 3 YEARS AND UNDER 4

1. Jean Du Luth Coronet 52816—Jean Du Luth Farm, Inc.
2. Caribou Celosia 52325—George C. Stone.

COW, 2 YEARS AND UNDER 3

1. Pearl's Dot 57445—D. D. Tenney.
2. Ma Chere Procris 55855—D. D. Tenney.
3. Pearl of Green Lodge 60199—George C. Stone.
4. Ivadill Mar of Wildwood—J. Cyrus Ott.

SENIOR YEARLING HEIFER

1. Gree's May Rose of Jean Du Luth 66570—Jean Du Luth Farm, Inc.
2. Chene's May Rose of Jean Du Luth 66571—Jean Du Luth Farm, Inc.
3. Caribou Berta 66001—George C. Stone.
4. Lessing of Pine Ridge 63073—Chris Skaar, Hayward, Minn.
5. Frosty of Pine Ridge 63070—Chris Skaar.

JUNIOR YEARLING HEIFER

1. Caribou Rachel—George C. Stone.
2. Bellboy's Lassie of City View—George C. Stone.
3. Imp. Jessican of Jean Du Luth 69527—Jean Du Luth Farm, Inc.
4. Caribou Pulias 75521—George C. Stone.

SENIOR HEIFER CALF

1. Lady La Verne of Shorewood 74736—D. D. Tenney.
2. Clara's Hazel of Maplewood 76086—Victor Steele.
3. Caribou Mary 75522—George C. Stone.
4. Mosrose of Jean Du Luth 67342—Jean Du Luth Farm, Inc.
5. Princess Alice of Cor-Alfa Farm 75433—M. S. & C. A. Skaar.

JUNIOR HEIFER CALF

1. Pearl's Golden Secret Girl 74737—D. D. Tenney.
2. Marathon Rose Queen 72732—Jean Du Luth Farm, Inc.
3. Martha's Ruby Sequel 73077—A. W. Bragg, Albert Lea, Minn.
4. Bonny of Cor-Alfa Farm 75434—M. S. & C. A. Skaar.
5. Caribou Charmonte 75524—George C. Stone.

SENIOR AND GRAND CHAMPION FEMALE

Pearl's Dot 57445—D. D. Tenney.

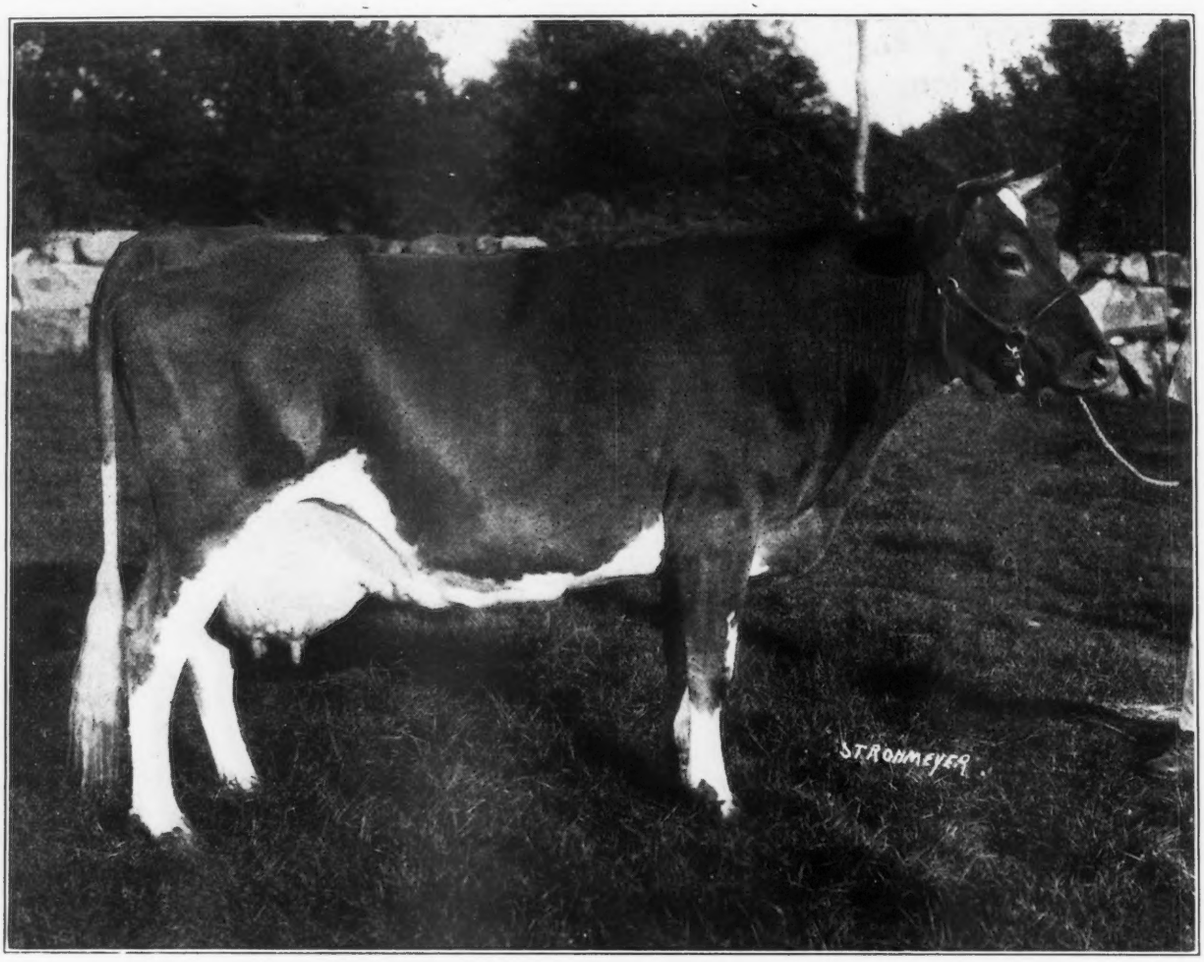
JUNIOR CHAMPION FEMALE

Lady La Verne of Shorewood 74736—D. D. Tenney.

GRADED HERD

1. D. D. Tenney.
2. George C. Stone.
3. Jean Du Luth Farm, Inc.

(Continued on page 300)



IMP. TOPSY DE CARTERET 35401 BROUGHT THE RECORD PRICE OF THE SALE $3600

THE FILLMORE FARM SALE

58 Head Average $447

OCTOBER 3 proved a perfect fall day. Just the kind to be a fit setting for bringing out Guernsey quality. Mr. Charles H. Jones' estate is amid the beautiful surroundings of Wellesley and Weston, charming residential suburbs of Boston. Autumnal foliage was at its best and the clear atmosphere and bright sunlight intensified all.

Seats were erected in the spacious young-stock barn which provided an admirable amphitheatre for the sale. More than 200 were in attendance. Breeders from Maine and California were there, and seven states are represented among the purchasers. The foundation for two new herds were purchased, that of Mr. Charles M. Schwab at his farm at Loretta, Pennsylvania, and that of the Riviera Farm of Mrs. Katheryn Frasig Cramer, Reading, Pennsylvania. Mr. L. F. Herrick's skill in handling such a sale was apparent. He was assisted by Auctioneers Bailey and Lawrence.

The outstanding feature of the sale was the offer of the choice of Imp. Topsy De Carteret 35401 and her daughter, Topsy of Edgewater 45183. Immediately the $1000 notch was reached and quickly came $2000 and then by easy stages $3600 was reached and The Oaks Farm, Cohasset, Massachusetts, won the contest. They took the old cow whose record has been most creditable.

She has produced 10498.7 pounds of milk, 534.60 pounds of butter fat in class F; 12254.6 pounds of milk, 576.15 pounds of butter fat in class D; and 17691.1 pounds of milk, 780.08 pounds of butter fat in class A.

She is also the dam of Topsy of Edgewater 45186 A. R. 4891 with 560.58 pounds of fat, and Fillmore's Topsy 51107 now on Advanced Register test which has made 387.24 pounds of fat in 273 days.

The details of the selling are as follows:

Cows

Fillmore's Noanette 40979—Riveria Farm, Reading, Pa.	$910
St. Ita's Dorothy Q. 52934—C. L. Hutchins, Concord, Mass.	300
Imp. Fanny IV. of the Echelle 50432—Russell Grinnell, Exeter, R. I.	1100
Imp. Cream Cup of the Frie Baton 50434—H. F. Kean, Elizabeth, N. J.	370
Nellie Charmer 24168—Frederick S. Peck, Providence, R. I.	400

(Continued on page 297)

WHAT I HAVE GAINED FROM THE NATIONAL DAIRY SHOW

THE question of going to the National Dairy Show has confronted hundreds of Guernsey breeders in the past and is at this moment doubtless confronting hundreds more. Whether or not enough will be gotten out of the trip to make it a safe investment is the problem that each dairyman must solve for himself. The testimony of breeders who have attended the Show from different parts of the country will be a valuable aid in helping every breeder to come to a conclusion about this matter.

We have, therefore, asked a number of our breeders to tell us about just what of value they have gained from their visits to the National Dairy Show and their replies quoted below will be of interest.

Mr. Isaac W. Roberts of Bala, Pennsylvania, contrasts the conditions under which the successful manufacturers and the successful dairyman work and believe that the National Dairy Show is a vital factor in the success of every dairy breeding establishment. He says: "Many farmers have told me that they could not afford the Show, while in reality they could not afford to miss the Show.

"Competition is just as keenly felt in the dairy world as elsewhere, but with less chance for the average dairyman to overcome it. The big manufacturer is situated in a city, generally in the midst of a manufacturing world, and keenly alive to all that his competitors are doing. The opposite generally holds true of the dairyman. He occupies a somewhat isolated position, is not in close touch with his competitors, and often knows little or nothing of what they are doing. Nor will the expense, or the confining character of his work permit his visiting those plants where the best in the industry is being used.

"This condition is met by the Dairy Show. Under one roof is housed all that is best and latest in everything that pertains to the dairy business, both in cattle and in implements. By a visit to the Show, he can accomplish all, and more than he could by a visit to a dozen farms.

"Competition demands, if he is to succeed, that he must at least keep pace with the times. To keep pace with the times he must have knowledge and the National Dairy Show is where he will acquire it. That in brief is its one great purpose and effect.—EDUCATION.

"When the dairyman realizes this, will he still say that he cannot afford the trip?"

One of our newer breeders near Chicago gives his reasons for going to the Dairy Show and for wanting his herdsman to be there as follows: "I attended several Dairy Shows before I was in position to establish a dairy herd, and my enthusiasm, or rather my desire, to own and operate a high class dairy farm was largely due to having attended these Dairy Shows," he says and then adds:

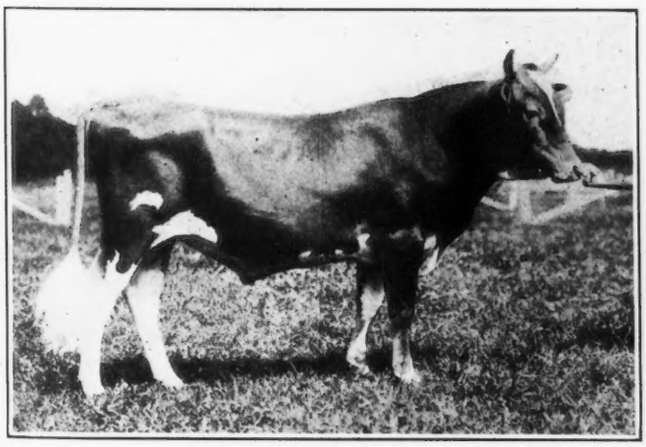
"Since having established a dairy farm, I have attended each of the different Shows and by having the opportunity to watch the judging and then going from one animal to the other after the judging, I have been able to establish somewhat in my own mind, the desirable Guernsey type."

Regarding the question of type versus production, he says further, "I am quite convinced that there is no danger of the ordinary breeder going too far as regards to type versus production, by attending and studying types at the Dairy Show. I think one is likely to come home from the Dairy Show resolved to improve the appearance of his herd, with the result that if it seems necessary to reduce the herd and he has two cows of equal production ability, he will be disposed to sell the one with the sloping rump or poorly shaped udder even at a considerable sacrifice in price over the more typy animal.

"The reason I feel there is little danger of his allowing the matter of show animals to warp his opinion away from production, is because he is at the Dairy Show probably only two or three days out of the year, while he is weighing the milk of his cows 365 days and I find that my desire to keep an animal in my herd is very largely influenced by what she is doing, rather than how near she comes up to the standards of the approved show type.

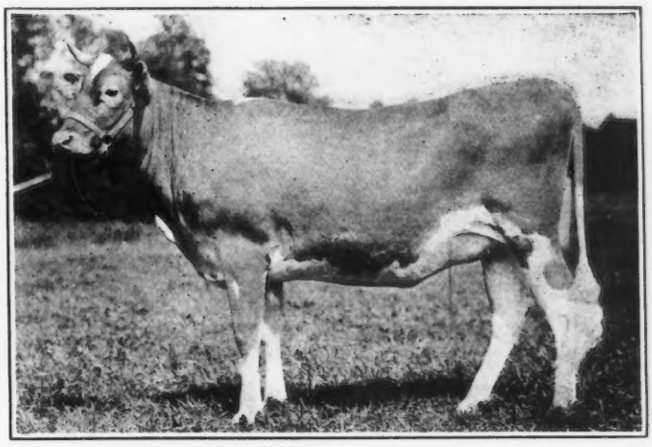
"On the other hand, if I did not attend the Dairy Shows, or read the GUERNSEY BREEDERS' JOURNAL I might soon be breeding a herd of Guernseys that would have production, but I

(Continued on page 298.)



SUNNYBROOK JUDGE 38993

Sire—Florham Autocrat 25749 Dam—Vidi of Floradale 25490
Owned by Chas. D. Cleveland, Eatontown, N. J.
JUNIOR CHAMPION, MONMOUTH COUNTY FAIR



SUNNYBROOK MIGNONETTE 64437

Sire—Floham Autocrat 25749 Dam—Imp. Lady Minnie 45973
Owned by Chas. D. Cleveland, Eatontown N. J.
GRAND CHAMPION, MONMOUTH COUNTY FAIR

GUERNSEYS AT WISCONSIN STATE FAIR

By W. A. FREEHOFF

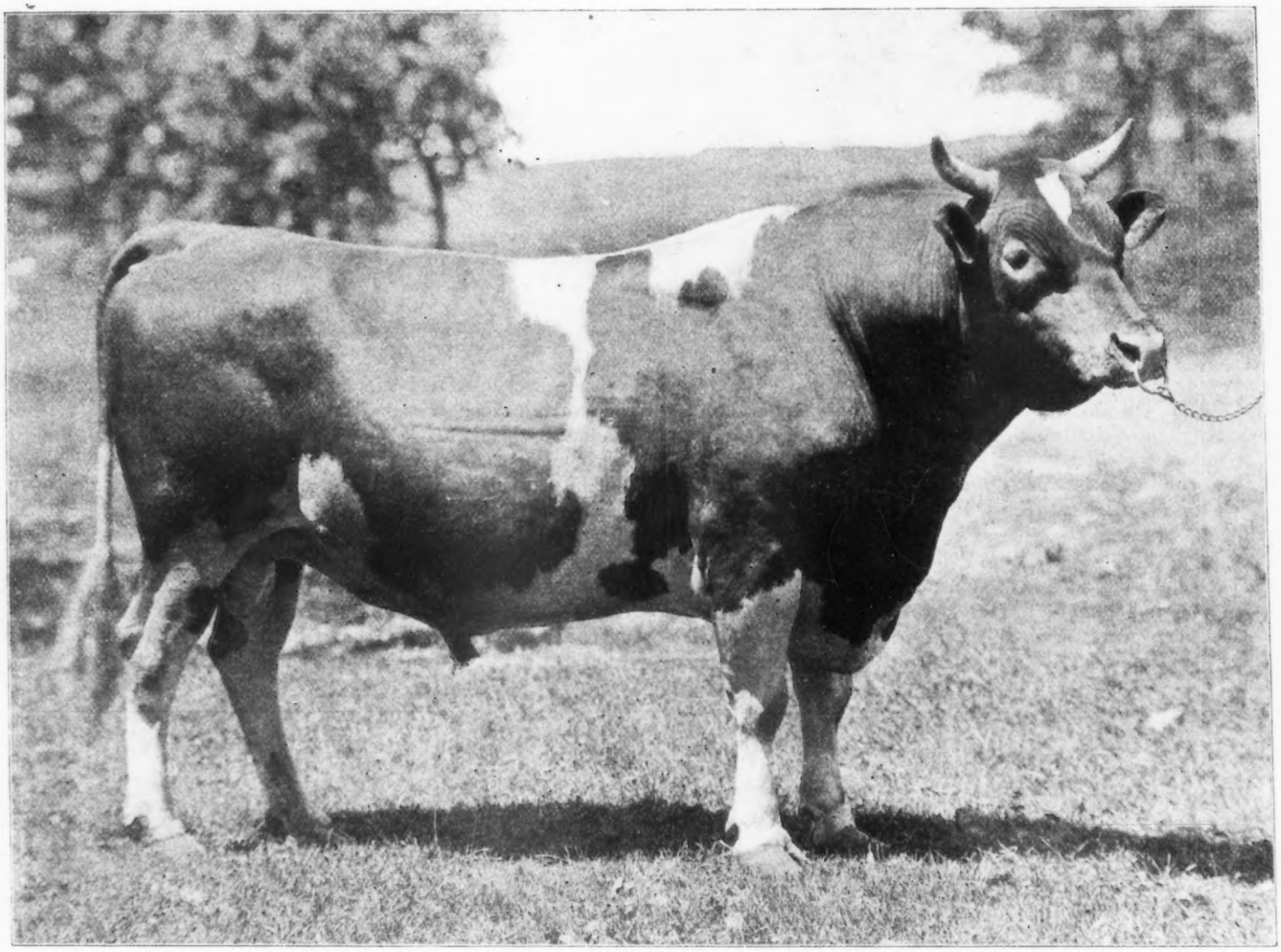
THAT conditions in the dairy world are indeed abnormal was amply attested by the exhibit of Guernseys at the Wisconsin State Fair this fall. Where formerly half a dozen or more large and well fitted herds would vie for the good ribbons, this year only two relatively small herds were present, and two other exhibitors brought one head each. Surely the pall of war, with its attendant high price of feed and extreme scarcity of labor has laid its heavy hand upon the dairy exhibitors.

As a rule, the Guernseys led before Judge Hugh G. Van Pelt at Milwaukee were not highly fitted, but the quality was satisfactory, though not outstanding. The two leading exhibitors are fairly recent at the showing game and did not feel it desirable to groom their herds so finely because of war conditions.

Much interest was aroused when the grand old May King's Vrangue of Ingleside 15430 was led into the ring. This bull had been in the herd of Fruit Brothers, Waukesha, Wisconsin, for a number of years, but never shown. Last year he was acquired by a syndicate consisting of Messrs. Hill, Welles and Lawson of Rosendale, Wisconsin, which decided to show him at Wisconsin this fall. He was an easy winner of the grand championship, and a living proof that a great breeding sire may also be a great show sire.

Goodhand Kingston of Muskego, Wisconsin, was the fortunate winner of the female grand championship through his junior heifer, Raider's Butterwitch of Muskego 62838, pronounded a very "sweet" heifer by the judge. Every

(Continued on page 299)



MAY KING'S VRANGUE OF INGLESIDE 15430

SIRE—May King of Ingleside 12558 A. R. DAM—Linden's Young Polly Vrangue 18630 A. R. 551

Owned by Hill, Welles & Lawson, Rosendale, Wisconsin

SENIOR AND GRAND CHAMPION AT WISCONSIN STATE FAIR, 1917

Records of his daughters are as follows:

Sweet Alice of Maple Hill 40577	12346.7	lbs. milk	597.33	lbs. fat at	2½ years
Lady of Maple Hill 40578	10485.9	"	576.77	"	2½ years
Esther of Maple Hill 41230	9999.1	"	523.30	"	3½ years
Glencoe's Miss of Maple Hill 42089	11472.2	"	537.86	"	3 years
Lura's Josephine of Edgemoor 52577	11088.4	"	568.70	"	2 years
Lura's May of Maple Hill 44844	13158.3	"	625.08	"	3 years
Under test					
Lady's Girl of Maple Hill Farm 55007	8550.0	lbs milk	454.42	lbs. fat—320 days at	2 years
Lady's Hope of Maple Hill 44843	13484.0	"	684.58	" 319 "	3½ years
May King's Duchess 39590	11415.9	"	590.30	" 301 "	6 years

Advanced Register Records Completed and Approved From September 15 to September 30, 1917

These records are made on the two day test basis except where especially noted

Sweet Alice of Maple Heights 52448, A. R. 5470, owned by Frank E. Swan, Wauwatosa, Wis. Record:—7756.2 lbs. milk; 399.48 lbs. b. f. 2 yrs. 2 mos. old.

Vazon's Sequel's Janilly 43029, A. R. 5471, owned by Frank E. Swan, Wauwatosa, Wis. Record:—8136.0 lbs. milk; 400.90 lbs. b. f. 3 yrs. 9 mos. old.

Bessie of the Ridge 52199 A. R. 5472, owned by Becker & Becker, Berrien Center, Mich. Record:—6150.7 lbs. milk; 350.90 lbs. b. f. 2 yrs. 1 mo. old. (1 day test).

Finette of the Forges 46976, A. R. 5473, owned by Sherman L. Whipple, Plymouth, Mass. Record:—7648.1 lbs. milk; 429.19 lbs. b. f. 3 yrs. 2 mos. old.

Vrangue of Pencoyd 31297, A. R. 5474, owned by T. W. & I. W. Roberts, Bala, Pa. Record:—8535.3 lbs. milk; 372.64 lbs. b. f. 6 yrs. 7 mos. old.

Castella's Governess 53510 ,A. R. 5475, owned by Bailey Falls Farm, Oglesby, Ill. Record:—7193.0 lbs. milk; 313.78 lbs. b. f. 2 yrs. 3 mos. old.

Masher's Rushbrooke 47598, A. R. 5476, owned by Rush Taggert, New Cannan, Conn. Record:—7070.7 lbs. milk; 388.67 lbs. b. f. 3 yrs. 1 mo. old.

Maypole's Coquette 44870, A. R. 5477, owned by Rush Taggert, New Canaan, Conn. Record:—10384.5 lbs. milk; 464.52 lbs. b. f. 3 yrs. 6 mos. old.

Imp. Ariadne of Sarnia 40210, A. R. 5478, owned by Charles L. Hill, Rosendale, Wis. Record:—8011.5 lbs. milk; 407.67 lbs. b. f. 6 yrs. 2 mos. old (1 day test).

Vanguard's Prota 65433, A. R. 5479, owned by Est. Harmon E. Taber, Castile, N. Y. Record:—6591.4 lbs. milk; 333.73 lbs. b. f. 2 yrs. 2 mos. old (1 day test).

Maid of Oakwood 31546, A. R. 5480, owned by W. Henry Bell, Scotts Station, Ky. Record:—7991.1 lbs. milk; 413.95 lbs. b. f. 6 yrs. 4 mos. old (1 day test).

Charity of Carwytham 53098, A. R. 5481, owned by E. E. Hills, Shrewsbury, Mass. Record:—7723.0 lbs. milk; 350.42 lbs. b. f. 2 yrs. 3 mos. old.

Teddy's Trustworthy 39301, A. R. 5482, owned by Delaware College, Newark, Del. Record:—10857.1 lbs. milk; 496.91 lbs. b. f. 5 yrs. 5 mos. old.

Imp. Barteliver Dairymaid 59717, A. R. 5483, owned by A. L. Lincoln, Norwell, Mass. Record:—10495.0 lbs. milk; 589.82 lbs. b. f. 5 yrs. old.

Barrington's Lady Vanity 51610, A. R. 5484, owned by The Columbia Mills Inc., Minetto, N. Y. Record:— 7228.1 lbs. milk; 436.76 lbs. b. f. 2 yrs. 1 mo. old.

Dolly Bloom of Ingleside 37366, A. R. 5485, owned by T. W. Brophy, Edison Park, Ill. Record:—6551.5 lbs. milk; 356.79 lbs. b. f. 3 yrs. 6 mos. old.

Imp. Cosy of Follyland 41883, A. R. 5486, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—11645.2 lbs. milk; 538.89 lbs. b. f. 4 yrs. 2 mos. old.

Charmante's Jewel 49146, A. R. 5487, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—8284.8 lbs. milk; 412.98 lbs. b. f. 2 yrs. 8 mos. old.

Fillmore's Dolly Grey 49145, A. R. 5488, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—9611.2 lbs. milk; 513.83 lbs. b. f. 2 yrs. 7 mos. old.

Fillmore's May Rose 43455, A. R. 5489 owned by Charles H. Jones, Wellesley Farms, Mass. Record:—9876.8 lbs. milk; 497.21 lbs. b. f. 3 yrs. 6 mos. old.

Yeoman's Mary Nerio 44647, A. R. 5490, owned by Charles H. Jones, Wellesley Farms, Maass Record:—9045.1 lbs. milk; 461.68 lbs. b. f. 3 yrs. 3 mos. old.

Imp. Alexandrina 18th 65689, A. R. 5491, owned by Ariel Mitchelson, Tariffville, Conn. Recorc:—5327.09 lbs. milk; 258.37 lbs. b. f. 2 yrs. 2 mos. old.

Imp. Durrington Buttercup 3d 60210, A. R. 5492 owned by Ariel Mitceelson, Tapiffville, Conn. Record:—5327.09 lbs; milk; 291.26 lbs. b. f. 2 yrs. 2 mos. old.

Imp. Tregonning Dairymaid 59722, A. R. 5493, owned by J. O. Winston, Saugerties, N. Y. Record:—7919.1 lbs. milk; 360.07 lbs. b. f. 2 yrs. 1 mo. old.

Sunderland's Butter Queen 45661, A. R. 5494, owned by Charles W. Curtis, Marlboro, Mass. Record:—9579.1 lbs. milk; 417.22 lbs. b. f. 3 yrs. 2 mos. old.

Imp. Duke's Daisy of the Isle 53783, A. R. 5495, owned by Charles D. Cleveland, Eatontown, N. J. Record:—12980.0 lbs. milk; 640.69 lbs. b. f. 4 yrs. 5 mos. old.

Sari of Elmpines 51290, A. R. 5496, owned by Percival W. Clements, Rutland, Vt. Record:—6703.1 lbs. milk; 277.04 lbs. b. f. 2 yrs. 6 mos. old.

Seaster of Elmpines 51291, A. R. 5497, owned by Percival W. Clements, Rutland, Vt. Record:—7430.2 lbs. milk; 310.12 lbs. b. f. 2 yrs. 4 mos. old.

RE-ENTRIES

Glenwood Girl of Springfield 2d 42750, A. R. 4403, Re-entry, owned by Frank M. Smith, Springfield Center, N. Y. Record:—12978.4 lbs. milk; 662.25 lbs. b. f. 3 yrs. 8 mos. old.

Imp. Blonde of Sarnia 46545, A. R. 4356, Re-entry, owned by W. K. Coffin, Eau Claire, Wis. Record:—8846.0 lbs. milk; 443.11 lbs. b. f. 4 yrs. 11 mos. old.

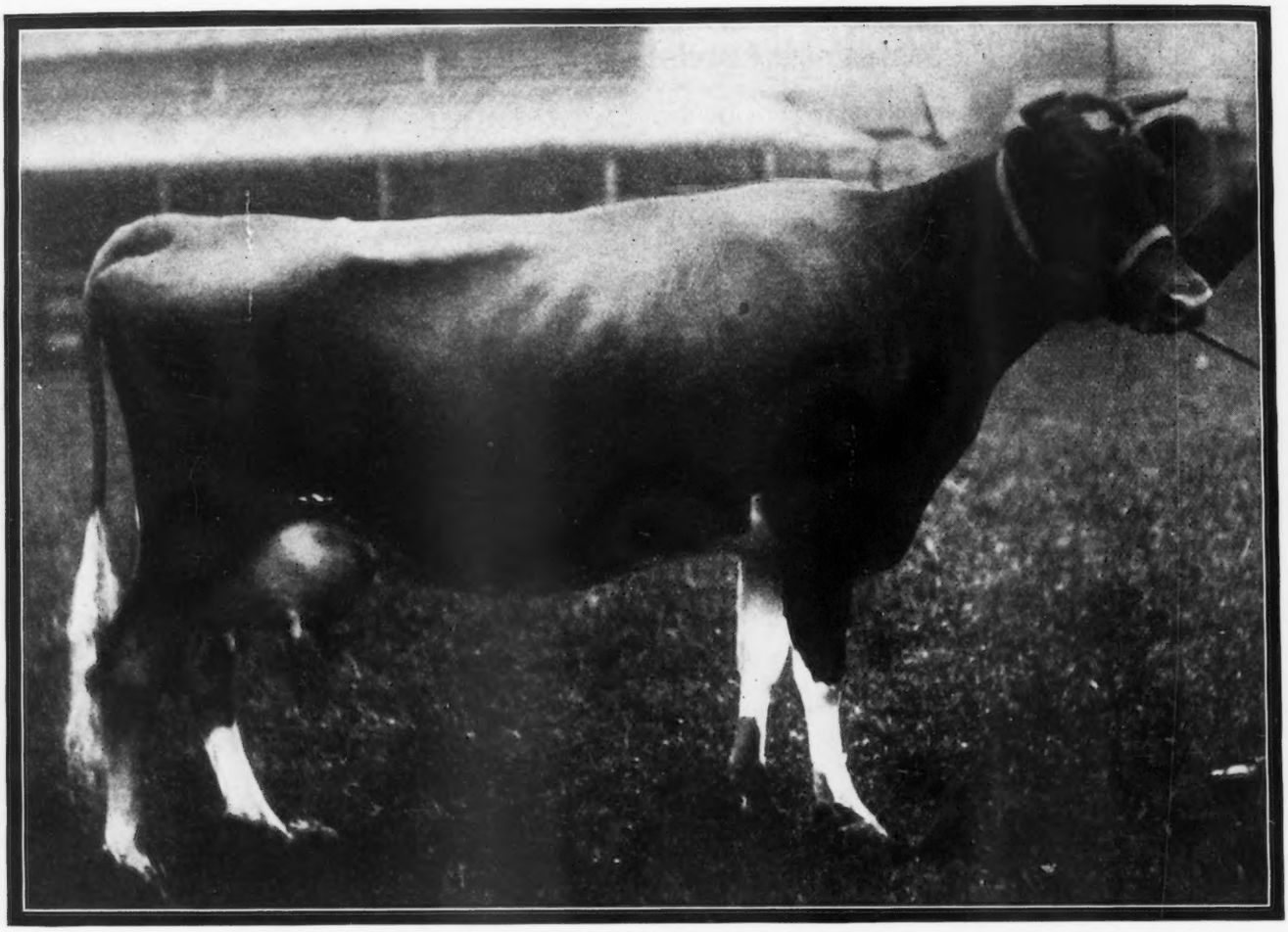
Cherry's Cuba 43328, A. R. 4255, Re-entry, owned by George C. Stone, Twig, Minn. Record:—8539.6 lbs. milk; 370.74 lbs. b. f. 3 yrs. 7 mos. old.

Bulls Admitted to the A. R. From Sept. 15 to Sept. 30, 1917 by Daughters Whose A. R. Numbers Appear in Brackets

IMP. VAZON'S SEQUEL'S GOVERNOR 20927, A. R. (4164-5471).

TREWINCE NEW BOY (2396 E. G. H. B.), A. R. (3749-5483).

YEOMAN'S KING VICTOR 22295, A. R. (5487-5488).



Hayes Golden Cherry III, dam of Cherry's Memento of Iowa and Hayes Cherub II.

Production

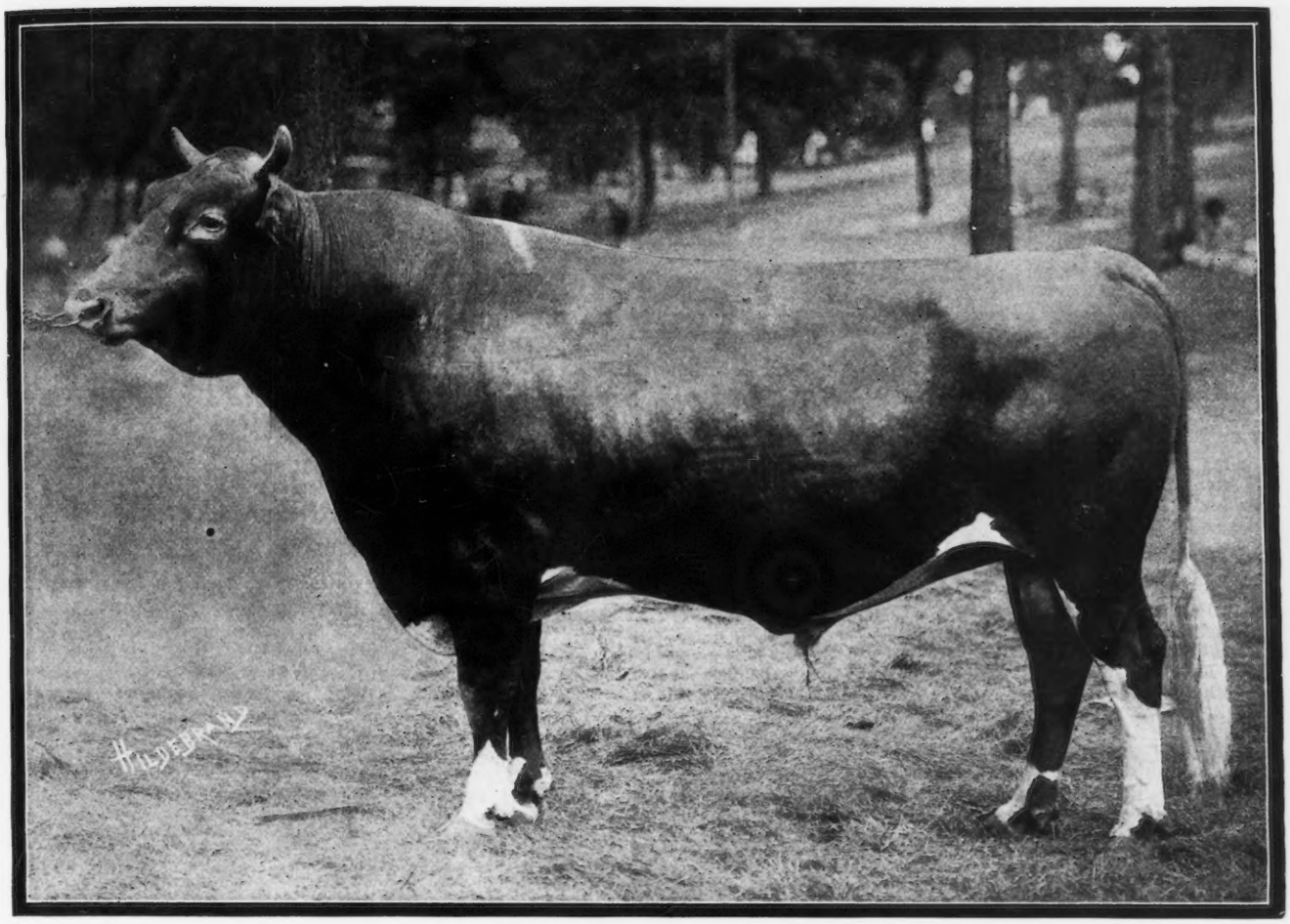
Hayes Golden Cherry III 44965, dropped July 23, 1906. Sire, Hayes Royal 1674E. Dam, Golden Cherry 5118E. Hayes Golden Cherry III, dam of Hayes Cherub II, was FIRST PRIZE WINNER at the following English Shows: Bath and West, 1907; Hastings, 1907; Chichester, 1908; Islington, 1908; Bath and West, 1912. Second in the BUTTER TEST at Bath and West, 1912. In this official test, she milked 55 pounds, test 4.5. Imported by W. W. Marsh, Waterloo, Iowa, in April, 1913. Her dam, Hayes Golden Cherry 5118E, was FIRST at the leading shows in England, 1909, 1910, 1911. Hayes Golden Cherry III 44965 is the dam of Hayes Cherub II 25147 and Cherry's Momento of Iowa 27562.

Ladysmith's Cherub 30769. Sired by Hayes Cherub II.

Ladysmith's Cherub 30769. Sired by Hayes Cherub II. GRAND CHAMPION Bull at the *National Dairy Show*, Springfield, Mass., 1916. Dam, Ladysmith of the Isle 28355, who made, as a three-year-old, 510 pounds fat. Winner in all breeds Butter Contests at the Illinois State Fair, 1912—19 entered. Also won FIRST PRIZE in two-year-old class at Iowa, Minnesota and Wisconsin State Fairs. Ladysmith's Cherub sold at the last National Dairy Show, 1916, for the record price for the breed at that time.

Two bulls of serviceable age for sale

W. W. Marsh



Hayes Cherub II, whose six tested daughters, at three years old and under, made from 504 to 648 pounds of fat.

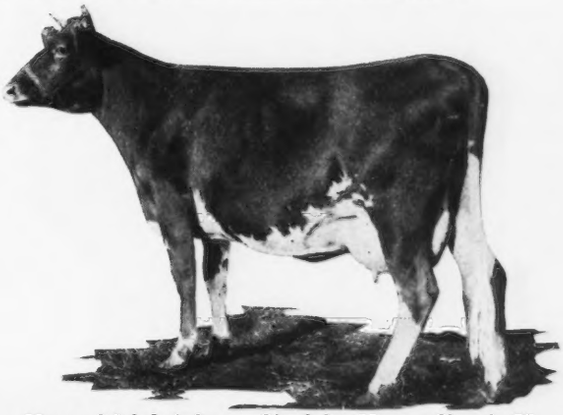
With Type

Hayes Cherub II 25147, dropped June 22, 1910. Sire, Hayes Branch. In 1911 Hayes Cherub II was FIRST at the following English Shows: Weymouth, Tunbridge Wells, Tring. In 1912, FIRST at R. C. Guilford, and Bath and West. Imported by W. W. Marsh, in April, 1913. In 1913, Hayes Cherub II was made FIRST and GRAND CHAMPION Bull at Iowa, Minnesota and Wisconsin State Fairs, Waterloo Cattle Congress, and the *National Dairy Show.* In 1914, he was FIRST and GRAND CHAMPION Bull at all the State Fairs where shown and FIRST and GRAND CHAMPION Bull at the *National Dairy Show.* In 1916, Hayes Cherub II was FIRST and GRAND CHAMPION at Iowa and Minnesota State Fairs.

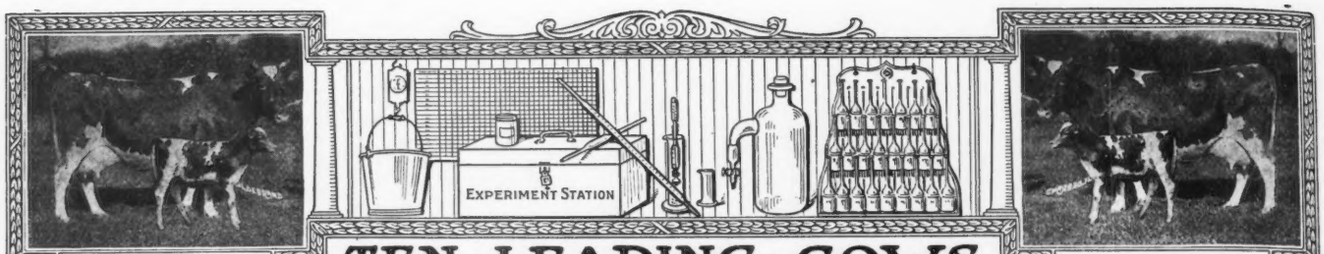
Hayes Mable 67870. Sired by Hayes Cherub II. Freshened in England in April, was imported and arrived in Waterloo from quarantine July 4th. Started test July 6, 1916. Shipped to Iowa State Fair, then to Waterloo Cattle Congress, then to *National Dairy Show,* where she WON FIRST in her class. Traveled over 7,000 miles, after calving. Carried calf 225 days; in her twelfth month she made 52 pounds fat; finished her record with 10,975 pounds of milk, 516.56 pounds of fat.

A few choice females, bred to Hayes Cherub, for sale

Waterloo, Ia.



Hayes Mabel 67870. Sired by Hayes Cherub II.



A CALF WITH

TEN · LEADING · COWS

EVERY RECORD

IN · THE · SEVERAL · CLASSES · OF · THE · ROLL · OF · HONOR

CLASS AA—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. F.		Lbs. Milk	Lbs. B. F.
Selma of Pinehurst 14521 A. R. 325	9593.1	615.97	Margaret of Linden 16078 A. R. 665	12116.6	526.35
Golden Maid of Maple Lane 36736 A. R. 5402	13038.0	614.96	Primrosedale 2d 14360 A. R. 115	12897.4	525.34
Auricula 2d 12209 A. R. 106	13411.6	605.50	Gerar Pearl 23595 A. R. 1107	11275.7	524.01
Sagesta 15531 A. R. 3593	11497.4	605.20	Lily O. K. 12941 A. R. 383	11544.4	523.63
Clare of Poplar Grove 3d 16343 A. R. 3922	13170.7	568.81	Imp. Princess Bergere 33074 A. R. 4574	11509.9	516.42

CLASS BB—FOUR AND ONE-HALF TO FIVE YEARS

Imp. Pretoria 14443 A. R. 73	11528.8	595.35	Portia of Dentonia 18983 A. R. 807	8864.1	439.19
Comus Queenie 22399 A. R. 1472	9395.8	522.50	Merisan 18997 A. R. 706	8139.5	431.00
Lucretia's Daughter 11256 A. R. 3	11084.6	489.60	Little Cad 36721 A. R. 5237	8733.4	425.34
Imp. Rosy IV. of the Camp Joinet 40087 A. R. 4846	10493.5	481.44	Imp. Majesty's Rose 32018 A R. 3310	10275.7	424.30
Jedetta 11966 A. R. 227	8601.3	451.07	Tabrette 44172 A. R. 4112	7768.0	414.34

CLASS CC—FOUR TO FOUR AND ONE-HALF YEARS

Spotswood Daisy Pearl 17696 A. R. 790	11570.7	572.67	Imp. Freedom's Primrose 33096 A. R. 2186	8311.7	465.19
Princess Milk Maid 38668 A. R. 3976	11084.3	536.25	Melvina 22938 A. R. 1864	8005.2	459.76
Lucile of the Ridge 36580 A. R. 4461	8216.4	504.61	Izora of Hickory Grove 39832 A. R. 5151	8996.0	451.56
Imp. Honeymoon II. of the Fountain 23567 A. R. 1954	9962.3	482.84	Glenwood's Elizabeth of Haddon 18824 A. R. 997	8597.9	450.88
Imp. Ramee Victory 32087 A. R. 3716	10225.2	478.95	Dorinda Flower 32560 A. R. 3695	8521.0	445.21

CLASS DD—THREE AND ONE-HALF TO FOUR YEARS

Imp. Wintershill Meg 2d 48506 A. R. 3824	12347.2	583.33	Lassie of Ledyard 19105 A. R. 417	7975.0	426.31
Imp. Dewdrop III. of the Hall 35221 A. R. 3717	9780.2	519.30	Imp. Adele of Sarnia 40226 A. R. 4062	7902.9	420.37
Imp. Hotton's Nelly III. 22562 A. R. 901	8675.6	510.49	Lucy of Woodbine 49235, A. R. 5447	7894.8	415.49
Imp. Hayes Friquet 2d 44979 A. R. 3900	9470.7	504.58	Gilgal of Grasslands 18223 A. R. 846	7873.7	414.18
Imp. Cambrian Princess 14446 A. R. 87	7234.6	457.07	My Lady Proud 20190 A. R. 1230	7938.2	412.50

CLASS EE—THREE TO THREE AND ONE-HALF YEARS

Imp. Fan IV. of the Croute 28519 A. R. 2442	11872.8	539.34	Daisy of Oakwood 49838 A. R. 3775	8308.7	462.82
Trixy of the Ridge 42583 A. R. 4579	9557.0	537.38	Princess Corinna 3d 29987 A. R. 2473	9284.9	462.20
Sunday's Tabernacle of Overland View 41858 A. R. 5215	8342.9	486.11	Dousman's Bluebell 38299 A. R. 3959	7834.0	458.45
Selma of Pinehurst 4th 25703 A. R. 1235	8819.6	476.76	Virelay 13300 A. R. 187	9343.6	451.92
Dairymaid of Elm Place 14197 A. R. 19	9045.8	473.47	Imp. Mouilpied's Edna May 29320 A. R. 2593	8702.3	441.14

CLASS FF—TWO AND ONE-HALF TO THREE YEARS

Ada of Hop City 15361 A. R. 91	8605.1	517.11	Matilda of Spring Brook 25649 A. R. 991	7406.1	428.20
Susie of the Ridge 43719 A. R. 4723	8931.3	514.07	Park's May 24020 A. R. 1390	9607.7	424.13
Ellenwood's Nonesuch 40123 A. R. 4156	9517.2	452.42	Uneeda B. 17523 A. R. 637	7739.5	420.10
Robinia 16174 A. R. 420	8320.8	442.42	Imp. Cora's Queen's Prize IV. 16004 A. R. 143	8080.4	410.81
Imp. Governor's Daisy 37391 A. R. 3513	8085.5	436.39	Glenwood's Chesterbrook of Haddon 27665 A. R. 1121	9052.9	406.76

CLASS GG—TWO TO TWO AND ONE-HALF YEARS

Theodore's Pride 42768 A. R. 3837	11587.4	594.02	Imp. Jessie Durand IV. 43670 A. R. 3601	8962.3	447.33
Lillia of Iowa 43159 A. R. 3929	10535.7	568.94	Governor's Madge Chena 34150 A. R. 2837	6822.0	442.94
Matin Belle 2d 25965 A. R. 1523	9059.7	462.51	Selma of Pinehurst 2d 19626 A. R. 624	7078.0	430.01
Hazel of Lee Farm 39204 A. R. 3548	9608.5	458.71	Almira 18384 A. R. 727	8279.6	426.29
May King's Ideal 40323 A. R. 3718	9562.9	452.48	Imp. Dolly of the Hougette 26654 A. R. 1046	7345.6	412.21

AVERAGE YIELD OF 70 CLASS LEADERS 9451.76 LBS. MILK; 482.13 LBS. BUTTER FAT; 5.10 PER CENT.

The above is as they appeared Oct. 1, 1917.

Summary of 398 Double Letter Records.

	Records	Lbs. Milk	Lbs. Fat	Per Cent.
Class AA	104	8838.77	436.77	4.941
Class BB	26	8349.75	413.04	4.946
Class CC	48	7981.13	406.81	5.097
Class DD	32	7581.23	391.41	5.162
Class EE	50	7496.46	377.39	5.034
Class FF	59	6968.59	360.08	5.167
Class GG	79	6638.41	337.30	5.081
Av. for	398	7719.65	389.39	5.044

Milk Production

Best Year's Record 13411.6 lbs.

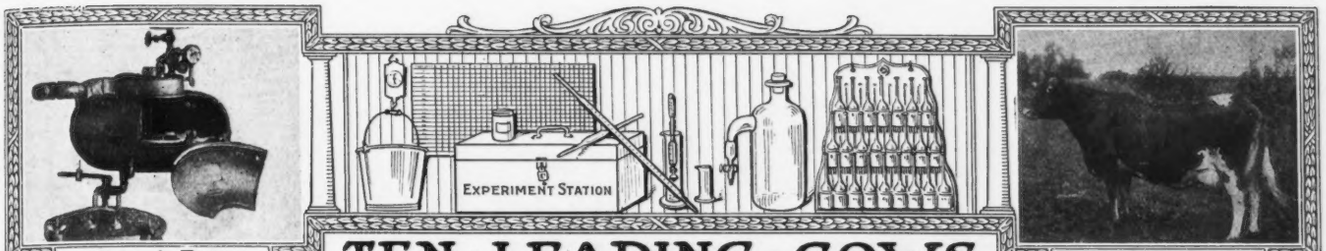
Av. Ten Largest Records 12355.68 lbs.

Butter Fat Production

Best Year's Record 615.97 lbs.

Av. Ten Largest Records 592.48 lbs.

Largest double letter record for which certificate has been written since last issue of Journal. Maid of Oakwood 31546 A. R. 5480, 7991.10 lbs. milk 413.95 lbs. fat.



Babcock Tester

Record: 953.53 lbs. Fat

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Julie of the Chene 30460 A. R. 2752	17661.0	953.53
May Rilma 22761 A. R. 1726	19673.0	1073.41	Belladia 31909 A. R. 2801	19631.9	934.05
Langwater Hope 27946 A. R. 1978	19882.0	1003.17	Imp. Daisy Moon III. 28471 A. R. 1909	18019.4	928.39
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394	19794.9	981.53	Miranda of Mapleton 19606 A. R. 914	16630.7	927.16
Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38	Imp. Dora II. of les Marais 37737 A. R. 1999	16664.5	904.71

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.68
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Lady Dairymaid of Pinehurst 29723 A. R. 2106	14770.0	769.56
Lady Lesbia 25142 A. R. 1348	13582.8	787.03	Linden Girl 42762 A. R. 3607	14682.8	747.48
King's Alberta 33788 A. R. 2555	13954.9	785.61	Ximesses M. 35845 A. R. 4836	15359.8	733.15
Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22	Lime Girl 33441 A. R. 3443	15264.5	728.63

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Imp. Beauty II. of the Coutanchez 28465 A. R. 2081	13513.9	748.81
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Stella's Favorite 2d 29167 A. R. 2283	14529.6	719.23
Polly's Beauty 35078 A. R. 2911	16629.8	774.40	Imp. Nettie of the Hubits 44181 A. R. 4958	12556.9	718.97
Imp. Dora II. of Les Marais 37737 A. R. 1999	15434.9	770.38	Noblesse 3d 37942 A. R. 2908	12399.5	717.67
Pauline Standish 33533 A. R. 3308	15870.6	757.21	Triple Champion's Marva 30001 A. R. 2400	14370.3	703.27

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802	14065.1	755.07
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Rose of Langwater 24204 A. R. 1445	15008.2	751.62
Langwater Dorothy 27944 A. R. 1822	16099.7	781.65	Imp. Ma Charmante 6th 31925. A. R. 1995	15149.8	740.20
Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16	Imp. Daisy Moon III. 28471 A. R. 1909	12489.9	710.70
Nella Jay 4th 38233 A. R. 3194	16039.9	769.33	Brightness of Glenburnie 30742 A. R. 1961	12858.6	709.95

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.40	Fleurette of Riverside Farm 36286 A. R. 2930	13665.5	689.56
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Imp. Blanchflower XX. 47923 A. R. 5228	13553.7	687.93
Masher's Elsie 24986 A. R. 1967	14458.7	745.75	Sweet Maria 25151 A. R. 1803	12542.5	682.86
Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49	Imp. Darling of Ida Cottage 44578 A. R. 3566	12731.6	668.63

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946 A. R. 1978	15078.8	773.59	May Belle of Linda Vista 29679 A. R. 2134	11981.8	653.02
Azucena's Pride 2d 24957 A. R. 1469	12633.3	706.46	Imp. Rose des Houards 59th 44975 A. R. 3901	13522.8	643.11
Linden Girl of Harbor Hill 3d 58625 A. R. 4651	12636.9	681.34	Yeksarose 16610 A. R. 472	11275.5	638.49
Rose of Langwater 24204 A. R. 1445	12966.5	669.89	Janet of Oakhurst 45297 A. R. 5071	11006.0	617.76
Imp. Buttercup II. of Beauregard 35799 A. R. 2638	10623.3	659.71	Imp. Rouge II. of the Brickfield 28335 A. R. 1198	10963.0	612.53

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Dolly Dimple 19144 A. R. 628	14009.1	703.36
Nella Jay 4th 38233 A. R. 3194	14772.7	726.32	Golden Elsie 2d 33422 A. R. 2274	13409.0	672.94
Follyland Nancy 52457 A. R. 5266	12270.9	712.60	Princess Deasie 36703 A. R. 2275	11943.1	666.22
Pearl Rose of the Glen 47414, A. R. 4900	12378.8	711.43	Nellie Tostevin of Mapleton 3d 30318 A. R. 2121	11675.9	664.01
Nugget's Primrose 48835 A. R. 4001	15436.1	705.56	Imp. Bonnie of Anna Dean Farm 46953 A. R. 3195	12785.4	657.87

AVERAGE YIELD OF 70 CLASS LEADERS 14720.01 LBS. MILK; 770.61 LBS. BUTTER FAT; 5.23 PER CENT.

The above is as they appeared Oct. 1, 1917.

Summary of 6320 Advanced Register Records.

	Records.	Lbs. Milk.	Lbs. B. F.	Per Cent
Class A	1846	10256.66	504.73	4.920
Class B	363	9682.34	482.92	4.987
Class C	497	9295.90	466.70	5.020
Class D	518	9099.62	457.66	5.029
Class E	630	8407.43	424.55	5.049
Class F	769	8091.03	409.49	5.061
Class G	1697	7758.22	389.30	5.018
Av. for	6320	8934.57	446.05	4.992

Milk Production

Best Year's Record 24008 lbs.

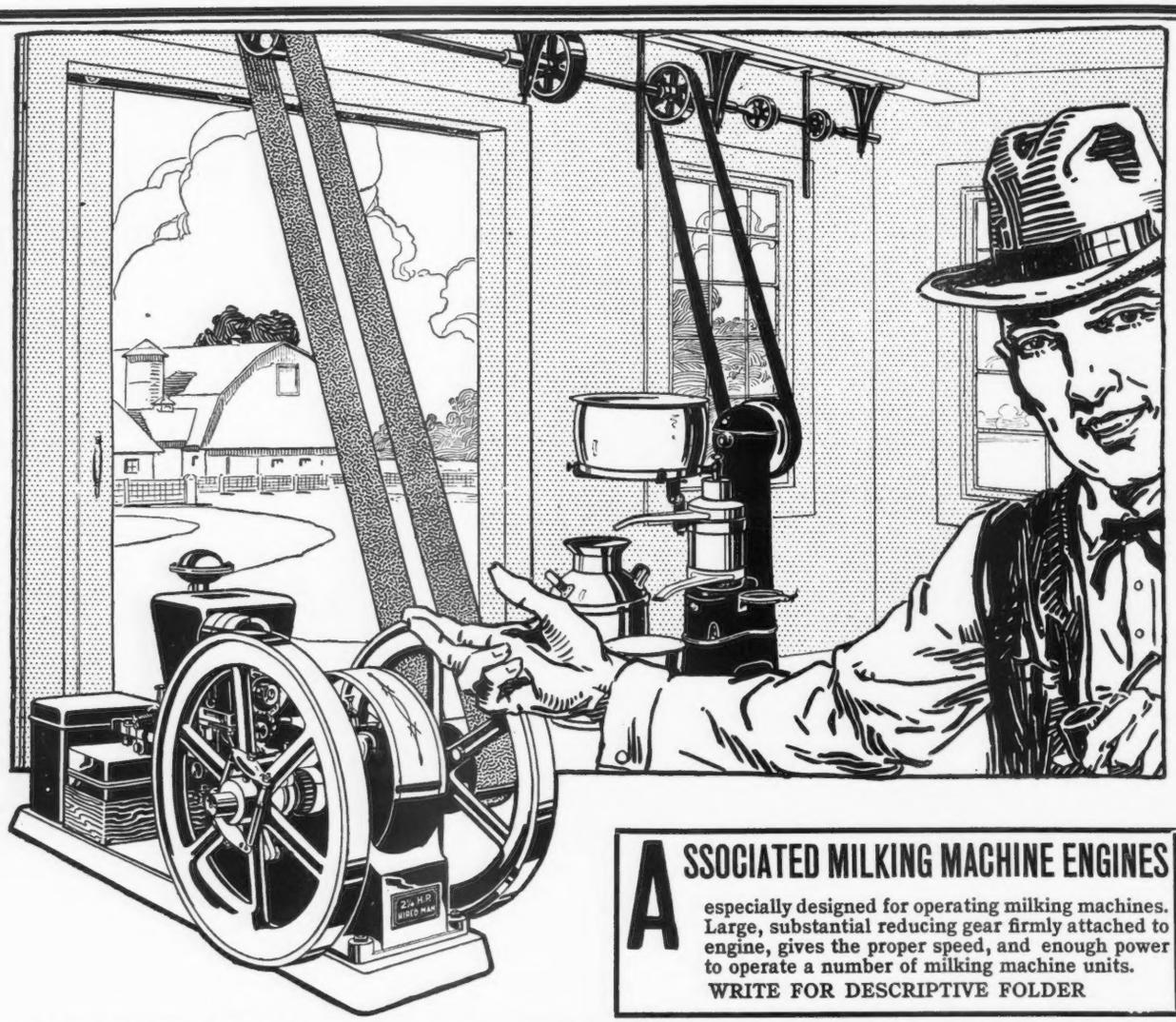
Av. Ten Largest Records 19486.04 lbs.

Butter Fat Production

Best Year's Record 1098.18 lbs.

Av. Ten Largest Records 976.75 lbs

Largest record for which certificate has been written since last issue of Journal Glenwood Girl of Springfield 2d 42750 A. R. 4403, Re-entry, 12978.40 lbs. milk; 662.25 lbs. fat.



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especially designed for operating milking machines. Large, substantial reducing gear firmly attached to engine, gives the proper speed, and enough power to operate a number of milking machine units.

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ASSOCIATED "HIRED MAN" ENGINES

ARE USED ON MODERN DAIRY FARMS

No modern dairy farm is fully equipped without a reliable gasoline engine to do the light chores. The "Hired man"—2¼ H. P. or the "Chore Boy" 1¾ H. P. "ASSOCIATED" Engines are built to meet every demand of the modern dairy farm. Connected to a line shaft, or belted direct, they will run your milking machine, cream separator and washing machine for only a few cents a day. They give reliable power, and life-long service.

Dealers everywhere—if you don't know yours, write us.

"ASSOCIATED" Gasoline Engines 1 1-2 to 18 Horse Power

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Write for Free Engine Catalog, Department A.

WORLD'S LARGEST BUILDERS OF FARM ENGINES

ASSOCIATED MANUFACTURERS COMPANY

WATERLOO IOWA

Manufacturers of the "IOWA" Cream Separator—the only Separator with the "Curved Disc" Bowl

SALES AND MEETINGS

Fifty head of registered Guernseys, the entire herd of A. S. Bell, will be sold at auction on Saturday, October 20, at Valley Grove, West Virginia, near Wheeling. Catalogues ready October 5.

Auction Sale of pure blood Guernsey cattle at Sharon Valley Stock Farm, Newark, Ohio, on Wednesday, October 24, 1917. For catalogue address W. A. Barnes, Granville, Ohio.

On Thursday, October 25, there will be an auction sale of Registered and Grade Guernseys by Mr. E. C. Peck, Avalon Farm, Macedonia, Ohio. Mr. Herrick has charge of the sale and will send a catalogue on request.

Ingleside Farms will sell their herd of 75 registered Guernseys at Public Auction on Saturday, October 27. For catalogue address Leander F. Herrick, 405 Main street, Worcester, Mass.

Big Springs Farm Guernseys will be dispersed at Public Auction, at Leesburg, Virginia, on Tuesday, October 30, 1917. For catalogue address Leander F. Herrick, 405 Main Street, Worcester, Massachusetts.

The Waukesha County Guernsey Breeders' Association announce that they will hold their regular fall sale of pure bred females on October 31, 1917, and a sale of grade females and pure bred bulls on November 1, 1917. F. E. Fox, Secretary, will announce details from time to time.

The New York State Guernsey Breeders' Association will hold their Field Day meeting at Harbor Hill Farm, Roslyn, New York, on Saturday, October 13.

COMING SHOWS

October 18-27, National Dairy Show, Columbus, Ohio. Guernsey Day, Tuesday, October 23.

October 22-27, South Carolina State Fair, Columbia, S. C.

November 16-23, Pacific National Dairy Show, Portland, Ore.

Nov. 17-25, National Farm and Live Stock Show, New Orleans, La.

Nov. 19-24, Pacific International Live Stock Exposition, North Portland, Ore.

Jan. 19-26, 1918, National Western Stock Show, Denver, Colo.

WHAT THE COWS ARE DOING

Their latest credits in the Advanced Register

Special Note: This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These records are all made on the two day test, except where noted.

Name and Number.	Class	Days	Month	Month Credit. Milk Lbs.	% Fat	B. Fat Lbs.	Total Credit. Milk Lbs.	B. Fat Lbs
These records are all made on the two day test basis except where especially noted								
ALLEN, C. C., KENOSHA, WIS.								
Allenwood Glenwood Girl 48706	E	290	Aug	580.8	5.46	31.71	7346.4	380.45
Fanny of Allenwood 58289	G	170	Aug	767.2	4.52	34.68	4931.4	220.45
Golden Elsie of Glenburnie 45853	E	251	Aug	665.1	5.15	34.25	7627.0	391.11
King Regent's Fanny of Allenwood 58290	G	145	Aug	650.6	4.24	27.59	3592.6	146.79
King Regent's Pancha of Allenwood 58291	G	138	Aug	720.4	4.50	32.42	3806.4	169.03
AMES, F. LOTHROP, NORTH EASTON, MASS.								
Langwater Diva 68789	G	30	Aug	983.4	3.48	34.22		
Imp. Langwater Lily 26606	A	134	Aug	1058.4	4.96	52.50	4982.0	234.49
Langwater Luxury 49484	D	51	Aug	1462.0	4.31	63.01	2329.1	97.17
Langwater Heroine 49483	D	48	Aug	1629.1	4.38	71.35	2441.9	106.22
Langwater Pride 35752	A	1	July	25.4	4.52	1.15		
		32	Aug	1275.3	4.52	57.64	1300.7	58.79
ARCHER, CAROLINE, READING, PA.								
Kitty Mackay 55726	F	122	July	772.2	4.25	32.82		
		153	Aug	698.0	4.31	30.08	4203.3	185.86
Prim of Flying Hill 56134	G	73	July	746.2	4.33	32.31		
		104	Aug	654.7	4.43	29.00	2636.3	113.44
BACKER, C. A., BILLERICA, MASS.								
Bijou's Violet 42317	A	122	July	744.2	5.25	39.07	3015.1	150.20
Imp. Lady Devon 42315	A	54	July	796.6	4.46	35.53	1488.0	78.60
Lady Duchess 47451	D	84	June	686.1	4.43	30.39		
		115	July	602.6	4.98	30.01	2712.5	115.44
Lady's Pride of Meadow Brook 42323	A	55	July	815.4	4.85	39.55	1508.5	81.07
BAKER ROY, FARMERSVILLE, CAL.								
Imp. Lovedale of the Hechet 31981	A	129	July	914.7	5.36	49.03	4263.8	198.35
BALDWIN, H. W., PENNINGTON, N. J.								
Ida of Mapledale 61830	G	171	Aug	755.5	4.70	35.51	5236.8	230.95
Marie of Gerar 53661	G	358	Aug	721.0	4.74	34.18		
		365	Sept	150.7	4.74	7.14	9746.2	463.60
BALLARD BROTHERS, NILES, MICH. 1 day test								
Bess of Windermere 56538	G	321	July	486.1	4.75	23.09	6422.5	281.19
Bonnie Rose of Ballard Farm 56807	G	146	July	638.0	5.15	32.86	3442.3	171.10
Carrie of Windermere 57200	G	253	July	504.4	4.35	21.94	5537.9	212.15
Dolly Dimple of Coloma 2d 58315	F	237	July	669.3	4.89	32.73	6968.8	301.80
Fair Daisy of Maple Row 58316	G	322	July	462.6	6.61	30.58	6519.1	381.40
Gipsy of Windermere 53408	G	332	July	490.6	5.91	28.99	5972.3	328.87
Mattie of Windermere 57674	G	240	July	636.4	4.70	29.91	6106.7	272.53
Panmure of Windermere 51018	E	177	July	865.9	4.20	36.37	6012.8	264.41
BARBOUR, W. T., BIRMINGHAM, MICH. 1 day test								
Belle of Briarbank 55268	F	304	July	520.8	6.38	33.23		
		335	Aug	485.5	5.30	30.59	7330.3	422.17
Bell Queen of Briarbank 42873	B	75	July	702.2	5.38	37.78		
		106	Aug	625.3	5.40	33.77	2462.2	138.01
Bell Queen of Briarbank 2d 56985	G	148	July	765.6	4.89	37.44		
		179	Aug	684.0	4.70	32.15	4665.4	223.76
Bess of Briarbank 2d 55274	G	224	July	649.1	5.03	32.65		
		255	Aug	597.3	5.16	30.82	6347.8	314.59
Briarbank Queen 2d 56522	G	224	July	643.6	5.23	33.66		
		255	Aug	566.5	5.86	33.20	5912.9	291.94

Janoca of Briarbank 2d 55275	G	282	July	584.9	6.17	36.09		
		313	Aug	517.2	6.25	32.33	6719.6	375.48
Mesaba's Queen of Briarbank 55273	G	144	July	741.5	4.99	37.00		
		175	Aug	653.5	4.75	31.04	4653.5	235.40
Palby of Briarbank 55269	G	304	July	507.5	5.50	27.91		
		335	Aug	469.4	5.42	25.44	7143.6	382.41
Pava of Briarbank 4th 59699	G	66	July	704.1	4.83	34.01		
		97	Aug	615.0	5.15	31.67	2162.4	107.43
Selby of Briarbank 2d 59701	G	79	July	612.6	4.95	30.32		
		110	Aug	546.9	5.26	28.77	2142.9	113.96
BERGE, ANTON, VALDERS, WIS.								
Liberty Beauty 27957	A	209	July	885.6	5.29	47.73	7707.4	402.83
Queen of Valders 37255	A	153	July	1185.5	4.23	50.15	6666.3	299.40
BLAHNIK, JACOB J., ALGOMA, WIS.								
Park's Pinecliff Beauty 70323	D	240	July	577.2	5.97	34.46		
		271	Aug	458.6	6.45	29.58	6358.0	342.10
BLISS, W. P., BERNARDSVILLE, N. J.								
Florham Charm 4th 41699	A	123	Aug	1395.4	4.48	62.51	6024.1	259.66
BOSWELL & INGHAM, BURKEVILLE, VA. 1 day test								
Helen of Oak Ridge 47644	D	321	Aug	351.3	4.96	17.42	6196.6	315.09
Sunbeam of Oak Ridge 40432	A	291	Aug	516.8	6.22	32.14	6821.0	359.87
BREUCHAUD, JULES, OLIVE BRIDGE, N. Y.								
Imp. Donnington Gladys 3d 45944	A	193	Aug	751.8	4.94	37.14	5677.1	291.65
May King's Gloriana 55767	G	212	Aug	775.0	4.42	34.26	5676.1	254.62
Raymond's Morning Glory 42504	C	365	Aug	189.3	5.79	10.96	8592.0	481.30
Imp. Violet III. des Valettes 48467	D	365	Aug	230.3	4.49	10.34	12204.4	530.33
BRIARCOMBE FARM CO., WINONA, MINN. 1 day test								
Bluebell of Sunnyside 2d 39405	A	179	July	697.4	4.38	30.55		
		210	Aug	655.5	4.59	30.09	5581.2	258.00
Imp. Eunice of Koshkonong Place 2d 37337	A	144	July	787.5	3.88	30.56		
		175	Aug	678.8	4.26	28.92	4817.2	205.23
Quiet of Koshkonong Place 27724	A	135	July	651.0	4.80	31.25		
		166	Aug	486.3	4.69	22.81	3746.2	184.62
Royal Maid of Oakdale 46703	D	165	July	649.4	6.16	40.00		
		196	Aug	595.5	5.91	35.19	4409.6	243.27
BROWN, HARRY H., EAU CLAIRE, WIS. 1 day test								
Belle of Washington 25450	A	70	July	895.3	4.19	37.51	1942.2	90.82
Clara of Oak Lawn 41911	B	89	May	952.2	5.73	54.56		
		119	June	902.9	5.30	47.85		
		150	July	831.0	4.99	41.74	4671.7	242.86
Duke's Ella 37807	A	122	July	912.2	5.11	46.61	4116.2	202.18
Lucy of Oak Lawn 48774	E	164	July	641.5	5.80	37.21	4082.2	226.41
Veneta of Oak Lawn 42198	C	148	July	1080.5	4.20	45.38	5628.4	264.71
BUNDY, C. T., EAU CLAIRE, WIS. 1 day test								
Amy of Oak Grove 37309	A	247	Aug	833.1	5.38	44.82	7604.8	424.42
Atlasta Kathryn 58565	G	191	Aug	566.0	5.63	31.87	4748.0	240.08
Atlasta Lady 42104	C	280	Aug	712.1	4.39	31.26	9142.8	370.81
Atlasta Mary Bess 46759	D	280	Aug	733.4	4.45	32.64	8136.5	340.68
Atlasta May Kelley 57459	G	191	Aug	780.7	5.20	40.60	5700.4	308.32
Atlasta Rouge 51057	E	134	Aug	854.8	4.45	38.04	4675.9	194.97
Imp. Career of Sarnia 46578	B	246	Aug	597.4	3.98	23.78	6486.3	292.25
CALIFORNIA, UNIVERSITY OF, BERKELEY, CAL.								
Fern Ridge Rose 36403	A	17	June	641.6	3.67	23.55		
		48	July	1381.7	3.67	50.71		
		79	Aug	1282.3	4.06	52.06	3305.6	126.32
CHENEY, B. AUSTIN, LITCHFIELD, CONN.								
Cassifide 17304	A	239	July	948.2	4.60	43.62	8525.3	368.70
Founder's Cassifide 37578	A	212	July	1018.9	5.14	52.37	7892.3	377.05
Lagia Lenfestey 25370	A	173	July	1044.5	5.87	61.31	7251.3	388.99
Lily Rockingham 40880	C	267	July	929.2	5.57	51.76	9964.3	504.87
Litchfield Maid 24786	A	153	July	998.2	5.62	56.10	6274.0	333.03
Little Duchess 24788	A	27	June	1323.8	3.95	52.29		
		58	July	1434.7	4.35	62.41	2758.5	114.70
Lupa Lenfestey 25372	A	263	July	727.6	5.56	40.45	7893.5	417.79
Monobelle 40879	B	109	July	1231.5	4.93	60.71	4819.6	225.76
Stockbridge Edith 33309	A	31	July	1414.1	4.78	67.59		
Imp. Victime IV. of the Spurs 35813	A	189	July	1058.9	4.62	48.92	8515.4	382.34
CHRISTENSEN C., LA CROSSE, WIS.								
Aramintha of West Prairie 58923	G	22	July	429.8	4.69	20.16		
Beatrice of West Prairie 62586	G	45	July	678.6	4.92	33.39	9535.5	44.85
Imp. Beauty of Havilland Vineries 67004	F	151	July	668.4	4.49	30.11	3844.8	182.67
Imp. Blackberry of the Isle 26648	A	356	July	515.7	5.01	25.84	9663.4	433.46
Blicq's King's Stella 55644	G	57	July	701.5	4.87	34.16	1194.5	59.85
Imp. Buttercup II. of the Padins 66994	F	192	July	604.8	4.67	28.24	4541.9	203.73

FROM THE GUERNSEY WORLD

Indiana

Indiana State Fair.

Exhibitors: W. Henry Bell and Son, Scotts Station, Ky. L. P. Martiny, Chippewa Falls, Wisconsin.

Judge: H. S. Berry, Lexington, Ky.

The Guernsey show at this year's State Fair proved to be a decided advance over last year's show. Heretofore the Guernsey barn has been partly filled with beef animals, but if numbers are any indication, Indiana is certainly coming to her own in Guernseys.

When quality is considered it certainly would be hard to find a collection of Guernseys anywhere that would beat any of the herds shown. Every animal on exhibit was picked for its ability as a show animal, and as an animal that conforms to the standard dairy types.

There has been some criticism of late years relative to the show herds of dairy cattle on the grounds to the effect that too much emphasis has been placed on the quality and condition, and at the expense of constitution and ability. One good look at the herds exhibited at this year's fair as well as the prize winners of this year's fairs will certainly convince the most sceptical that probably the criticism has been carried too far. With the possible exception of two or three individuals, every animal showed sufficient constitution to hold its own in production both of calves and milk to meet the demands of the most critical buyers and breeders.

The winnings were pretty well divided between the herds shown with possibly a little advantage to the Bell herd which took both the senior championship and the grand championships. However the Martiny herd came back hard for honors in the junior and calf classes.

Of the animals shown, without a doubt the most outstanding individual was Daisy of Waddington 24555, senior champion and grand champion cow. She is certainly a show animal. From a dairy conformation standpoint she is almost ideal and for finish and quality she is among the best of the breed. One glimpse of her either in the show ring or in the stable will convince any judge that she is an

Announcement to Guernsey Breeders

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AUSTIN TATTOO EAR MARKER

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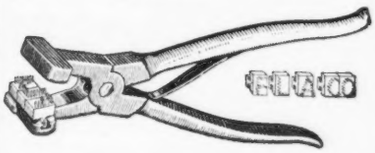
Into your herd record keeping by tattooing your cattle with this efficient implement.



It affords the only means of identifying your cattle permanently—the tattoo mark.

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1 Set numerals—0 to 9 . . . . 3.10
1 Tattoo ink stick 1.05
Complete alphabet (26 letters) 6.50
Extra letters or figures each .35

In order to make your record-keeping complete, it will be necessary to have one marker, one or more sets of figures, and one tattoo ink stick. You need one set of figures to number up to 10, two sets to number up to 110, three sets beyond, etc. A system of letters and figures may be used, in which case a set of letters will be needed.

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PETERBORO, N. H.

Imp. Dora of les Cotils 67003	F	165	July	624.2	5.24	32.71	3829.9	180.71
Ladybell of West Prairie 58919	G	61	July	687.0	4.75	32.63	1356.3	61.68
Imp. Lil's May Rose of the Forgettes 67001	F	91	July	852.0	4.40	37.49	2359.1	128.67
Molly of West Prairie 58920	G	38	July	806.3	3.86	31.12	934.4	36.64
Imp. Rose of Highfield 66990	F	199	June	554.9	4.47	24.80		
		230	July	615.0	4.04	24.85	5964.3	257.96
Imp. Roseline's Beauty 67015	G	153	July	635.8	4.40	27.98	3542.5	157.67
Stella of Blicqs's King 50124	D	28	July	715.5	4.29	30.69		
Imp. Sweet Maggie of the Gree 67014	F	19	July	379.8	5.81	22.07		
Imp. Sweet of the Simons 67019	F	54	July	759.4	4.55	34.55	1249.2	55.37
Imp. Topsy May of the Haut Chemin 66998	F	188	July	738.1	5.11	37.72	4571.2	215.74
Imp. Victoria II. of Hern 66999	F	157	July	727.5	4.82	35.07	4267.0	194.10
Imp. White Rose des Rales de Bas 67007	G	256	July	521.9	6.07	31.68	5163.0	281.28
CLARK, GLENN, EAU CLAIRE, MICH.								
Belle Buttermaker of Hickory Grove 37254	A	280	Aug	562.5	5.46	30.71	6824.0	345.90
Hannah of Hickory Grove 57545	G	132	Aug	610.9	5.48	29.57	3160.6	154.68
Little Buttermaker 25092	A	300	Aug	684.5	5.59	38.26	9330.0	494.44
Nina of Hickory Grove 50618	E	51	Aug	875.6	5.26	46.06	1480.2	83.73
Polly Perry of Hickory Grove 50870	E	160	Aug	683.4	5.22	35.67	4468.0	229.45
Princess Fay of Hickory Grove 62264	G	86	Aug	533.3	5.23	27.89	1671.3	81.27
COFFIN, W. K., EAU CLAIRE, WIS.								
Bonnie of Tristram Farm 54747	G	365	July	71.2	5.15	3.67	6483.4	302.98
Imp. Butterscotch of Sarnia 50460	B	277	July	633.8	3.97	25.16	6673.8	295.40
Imp. Deb. of Sarnia 65387	F	355	July	741.4	4.72	34.99	8399.3	414.09
Imp. Economy of Sarnia 65365	G	355	July	669.5	4.63	31.00	7443.9	328.07
Roparry 37819	A	365	July	159.9	6.02	9.63	8153.3	475.26
CONNECTICUT AGRICULTURAL COLLEGE, THE, STORRS, CONN.								
Simple Eurotas 38350	A	239	July	854.4	4.40	37.59	8397.6	359.54
COOPER, GEORGE C., SUPERIOR, WIS.								
Craigamoor Miriam 57023	G	273	July	725.1	4.58	33.21		
		304	Aug	680.3	4.51	30.68	7413.8	336.51
Craigamoor Queenie 56145	G	204	July	813.4	4.83	39.39		
		235	Aug	668.5	4.97	33.22	6058.2	290.08
Craigamoor Vernette 56146	G	268	July	667.7	5.88	39.26		
		299	Aug	618.2	5.74	35.48	6607.6	366.24
Lady Fredericka of Craigamoor 38536	A	7	June	255.8	5.20	13.30		
		38	July	1081.2	5.20	56.22		
		69	Aug	974.9	4.32	42.12	2311.8	111.64
Lady Liene of Craigamoor 36570	A	188	July	662.9	5.10	33.81		
		219	Aug	602.1	5.05	30.41	5984.8	292.82
Princess Tibeon of Craigamoor 33765	A	310	July	594.4	5.21	30.97		
		341	Aug	488.2	5.29	25.83	8714.8	442.44
Imp. Queenie of the Duvaux 26946	A	237	July	746.2	5.14	38.35		
		268	Aug	643.3	4.73	30.43	7154.9	370.89
Imp. Violet IV. of the Grandes Capelles 26955	A	273	July	1033.6	4.50	46.51		
		304	Aug	916.1	4.63	42.42	11566.6	550.26
COOPER, MINNIE A., SUPERIOR, WIS.								
Craigamoor Cosette 2d 57022	G	204	July	706.6	5.37	37.94		
		235	Aug	651.4	5.38	35.05	5573.1	275.43
Imp. Duvaux Lily III. 26947	A	206	June	832.0	5.24	43.60		
		237	July	807.9	5.28	42.66		
		268	Aug	749.6	4.88	36.58	8205.1	416.79
CORNELL UNIVERSITY, ITHACA, N. Y.								
Glenwood Queen Fay 50622	D	108	Aug	900.0	4.88	43.92	3638.7	201.95
Mota Ledyard 43557	C	276	Aug	320.3	6.97	22.32	5927.1	346.49
COUNTISS, FREDERICK D., LAKE GENEVA, WIS.								
Flora Bates 47134	D	113	July	697.8	4.20	29.31		
		144	Aug	536.2	4.46	23.91	3500.7	144.50
Lady Bella of Tilden Farms 57076	G	122	July	647.9	4.68	30.32		
		153	Aug	546.2	5.08	27.75	3095.5	149.72
Louise Glenwood of Walter Maple 53512	E	120	July	752.7	4.97	37.41		
		151	Aug	598.4	5.06	30.28	3580.4	180.74
Mary Ladd 46306	D	181	July	843.6	4.94	41.67		
		212	Aug	705.9	5.47	38.61	5786.7	288.60
Nellie Butterfly 38519	A	273	July	59.4	5.65	3.36	4391.2	246.65
Victor's Jewel of Thorn Hill 58660	G	109	July	802.1	5.63	45.16		
		140	Aug	693.8	5.06	35.11	3657.1	193.82
CRAMER, JOE, MENOMONIE, WIS.								
Diamond Dorothy of Waumesit 43593	C	268	July	597.7	4.88	29.17	8923.7	413.30
Gipinda Jane of Waumesit 43594	C	287	July	982.1	4.29	42.13	10787.4	510.73

CRAMER, JOHN, Jr., MENOMONIE, WIS.								
Corian of Fern Hill 49652	E	216	July	838.9	5.00	41.95	6846.7	377.34
Imp. Keewatin 52963	E	304	July	453.8	5.16	23.42	9408.8	436.24
Imp. Launy II. 40382	A	304	July	788.8	4.97	39.20	10607.0	547.33
Margis of Fern Hill 34493	A	301	July	881.8	4.71	41.53	9741.7	491.40
Imp. Nellie of Courtil Ronchin 40390	B	355	July	603.7	6.03	36.40		
		365	Aug	163.3	6.03	9.85	9223.5	537.89
Starlight of Fern Hill 56979	F	13	June	444.5	5.36	23.83		
		44	July	1063.4	5.36	57.00	1507.9	80.83
DUPEE, WALTER H., SANTEE, CAL.								
Imp. Bridesmaid of Edgemoor 58894	F	123	Aug	736.5	4.70	34.62	3344.7	149.56
Imp. Damsel of Sarnia 58761	E	228	Aug	547.1	6.11	33.43	5787.9	305.66
Imp. Diamond's Milly of the Turquie 60615	D	172	Aug	755.9	5.01	37.87	4810.0	232.02
Florham Dame 38912	A	347	Aug	1236.4	4.52	55.89	15694.4	655.22
Glenwood's Mignonette of Edgemoor 52583	F	80	Aug	1060.8	4.64	49.22	2807.6	125.75
Imp. Grand Fort Pride III. 60614	D	279	Aug	823.8	5.52	45.47	10095.6	470.73
Hilda's Gay Lass of Edgemoor 50597	E	167	Aug	813.1	4.81	39.11	5326.4	231.42
Jesebel of Edgemoor 52584	F	188	Aug	1074.8	5.90	63.41	7548.2	419.38
Jessy Rose of Edgemoor 52580	F	180	Aug	808.5	6.19	50.05	4678.5	262.87
Imp. Petite of Edgemoor 59117	G	103	Aug	944.1	4.80	45.32	3262.6	143.50
Imp. Rosie of the Square 54550	A	365	Aug	698.5	4.95	34.58	13490.5	595.36
Show Girl of Edgemoor 58898	F	153	Aug	773.2	4.84	37.42	4206.9	185.76
Imp. Snowdrop III. of Havilland 60641	E	218	Aug	956.8	5.78	55.30	8814.2	438.79
Imp. The Governess of Edgemoor 58899	F	46	Aug	1011.2	3.64	36.81	1447.9	51.31
DUTTON, R. H., COLMAR, PA.								
Imp. Clara's Sequel's Rose 53652	E	87	July	866.4	4.70	40.72	2496.4	110.02
Imp. Daisy VII. of the Vauxbelets 53655	E	108	July	677.3	5.00	33.87	2711.4	127.24
Imp. Darling II. of Blanchelande 47168	C	321	July	504.9	5.98	30.19	6585.7	359.42
Imp. Excelda of the Norgiots 53626	D	5	May	132.4	4.57	6.05		
		35	June	895.7	4.57	40.93		
		66	July	799.7	4.27	34.15	1827.8	81.13
Imp. Glendora III. of the Norgiots 53640	E	160	July	715.7	5.39	38.58	4282.3	215.66
Rosie of Pleasant Valley 37162	A	195	July	408.2	6.09	24.86	4407.7	284.24
EMERSON, I. E., LUTHERVILLE, MD.								
Delia of Oakwood 26855	A	362	June	495.3	6.04	29.92		
		365	July	86.8	6.04	5.24	11403.8	593.38
Gibson Girl 23453	A	15	June	609.7	4.28	26.10		
Langwater Damsel 47046	D	209	July	1070.9	4.28	45.83		
		240	Aug	913.8	4.42	40.39	9077.0	400.31
Yeoman's Felois 2d 35993	A	15	June	719.1	4.51	32.43		
		46	July	1321.8	4.41	58.29	2040.9	90.72
EVERETT, HENRY C., BARNSTABLE, MASS.								
Glenrose of Bayside 57499	G	293	Aug	406.9	5.56	22.62	6180.4	278.32
Maud of Bayside 53859	G	365	Aug	314.3	4.27	13.42	6956.8	337.07
May Queen of Bayside 54600	G	335	Aug	262.6	5.76	15.12	5957.6	300.68
Nubiana Glenwood of Haddon 27995	A	297	Aug	411.7	4.71	19.39	7778.6	322.57
FOX, A. W. & F. E., WAUKESHA, WIS.								
Benton's Lady Chersterbrook of Ingleside 28672	A	146	July	1616.4	3.89	62.88		
		177	Aug	1457.1	4.16	60.62	9647.1	400.05
Dairymaid of Waukesha 38053	B	284	July	920.9	5.02	47.23		
		315	Aug	855.0	5.19	44.37	11208.4	546.37
Emma Talladeen 46238	C	144	July	581.0	5.03	29.22	3028.1	157.52
School Girl of Waukesha 35369	A	167	July	669.3	5.25	35.14	4341.2	233.31
Ulao's Gem 34458	A	25	Apr	916.2	4.04	37.01		
		56	May	1151.3	5.03	57.91		
		86	June	1132.5	4.50	50.96	3200.0	145.88
FRAZIER, FRANK P., IPSWICH, MASS.								
Imp. Bijou des Frances 44541	A	274	Aug	1430.4	5.72	81.82	13357.8	706.16
Darling's May of Uplands 65083	F	300	Aug	647.2	6.66	43.10	7078.5	403.48
Ellen May Queen of Glenmore 33820	A	286	Aug	1128.1	5.61	63.29	13376.6	658.05
Falstaff's Wyoming of Upland Farms 68406	G	316	Aug	768.7	5.15	39.59	8372.2	384.53
Imp. Mera of Les Prevosts 44563	A	123	Aug	905.5	5.08	46.00	3875.4	187.17
Imp. San Toy's Star 47424	E	365	Aug	347.0	5.33	18.50	9950.6	481.66
Imp. Uplands Clara 52699	E	163	Aug	834.8	6.52	54.43	5029.3	293.92
Upland's Ellen 55157	G	350	Aug	991.6	5.87	58.21		
		365	Sept	471.4	5.87	27.67	10022.8	592.75
Upland Farm's Grace 58836	G	297	Aug	510.7	5.94	30.34	6736.5	353.40
Upland's Surprise 58835	G	317	Aug	695.6	5.71	39.72	8404.5	425.88
FRUIT BROS., WAUKESHA, WIS.								
Duchess of Maple Hill 56783	G	284	July	858.8	5.08	43.63		
		315	Aug	831.1	5.33	44.30	9343.9	465.96

FROM THE GUERNSEY WORLD

animal of note. Her beauty of form, charm and grace wins for her at once the love and admiration of all.

A close second to her was Wahtowaso of Chippewa 44357, who won second in the aged cow class. By some she was thought to be a better cow than Daisy of Waddington 24555 but she was placed second because she did not, at the time of the show, have that form and grace that is so pleasing to the eye.

Daisy of Waddington 24555 is not only an extra good show cow, but she is also able to hold her own when it comes to production. She made her Advanced Register record under average farm conditions with only two milkings a day. This alone speaks well for her.

In spite of the fact that no local herds were shown, considerable optimism reigns with the local breeders. From early morning until late night the Guernsey barns were full of visitors. Farmers and dairymen from every part of the state and adjoining states were deeply impressed with the showing of the Guernseys, and the herds alone were an advertisement, not only for their owners but also for the breed in general.

From comments overheard in the Guernsey barn and in the judging pavilion, we look for the Guernsey breeders of Indiana to come back strong next year with herds that will do justice to the Indiana Guernsey and give the out of state herds a hard run for the honors.

From the standpoint of general Guernsey interest we feel that the showing at this year's fair was a grand success, because everywhere dairymen are inquiring for Guernseys and everywhere the Guernsey is holding her own with the high cost of production.

Of this year, more than ever, we can truthfully say that the Guernsey is "THE DAIRY COW FOR INDIANA."

The awards were as follows:

Aged Bull

1. King Lewis of Canterbury 24748—W. Henry Bell & Son, Scotts Station, Kentucky.

2. Captain Cedric 25977—L. P. Martiny, Chippewa Falls, Wisconsin.

GUERNSEY PEDIGREES TABULATED

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F. E. FOX, - - Waukesha, Wis

AUCTIONEER

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The Guernsey Auctioneer

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Auctioneer of Guernseys

Wide Acquaintance among Breeders

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Robert F. Hildebrand

THE LEADING PHOTOGRAPHER OF ANIMALS IN THE UNITED STATES

Specialist in Guernsey portraiture. Official photographer at all the leading live stock shows. Write me when you have anything to photograph. I may be in your locality next week.

New Office and Studio at SPRINGFIELD, MASS.

Main Office at UNION STOCK YARDS CHICAGO, ILL.

BULL, 2 YEARS AND UNDER 3.

1. Dairydette 33849—L. P. Martiny.

BULL, 1 YEAR AND UNDER 2.

1. Rox of Oakwood 42566—W. Henry Bell & Son.

SENIOR BULL CALF

1. Begonia's Masher of Chippewa 44292—W. Henry Bell & Son.
2. Bonbon of Oakwood 42569—W. Henry Bell & Son.

JUNIOR BULL CALF

1. Stranford's Gold of Chippewa 45184—L. P. Martiny.

AGED COW.

1. Daisy of Waddington 24555—W. Henry Bell & Son.
2. Wahtowaso of Chippewa 44357—L. P. Martiny.

COW, 3 YEARS ABD UNDER 4

1. Jeanie of Cherry Hill Farm 50646—L. P. Martiny.

COW, 2 YEARS AND UNDER 3

1. Silky of Oakwood 56766—W. Henry Bell & Son.

Lady of Maple Hill 2d 56083	G	235	July	1000.5	5.12	51.23		
		266	Aug	944.6	5.07	47.69	9128.1	432.10
Lady's Girl of Maple Hill Farm 55007	G	289	July	794.0	5.33	42.32		
		320	Aug	768.2	5.40	41.48	8550.0	454.42
Lady's Hope of Maple Hill 44843	D	288	July	1215.1	5.11	62.09		
		319	Aug	1240.3	5.18	64.25	13484.0	684.58
Lad's Lass of Maple Hill 53123	F	223	July	967.1	5.52	53.38		
		257	Aug	927.7	5.56	51.58	8376.6	434.33
Lillian of Maple Hill Farm 55008	G	302	July	1244.8	4.22	52.53		
		333	Aug	1201.5	4.17	50.10	13606.7	578.75
GRINNELL, LAWRENCE, SOUTH DARTMOUTH, MASS.								
Triple Champion's Daisy 51957	G	365	Aug	352.5	4.61	16.25	7452.5	346.28
HALE, HENRY S., DIXVILLE NOTCH, N. H.								
Anchor Blossom 58110	E	300	Aug	656.7	5.43	35.66	9260.4	451.69
Chelidine's Dell 47967	E	309	Aug	423.2	4.95	20.95	5560.5	277.02
I Am It 49676	E	223	Aug	618.8	4.46	27.60	7371.9	335.18
Lewison's Lily Bell 53353	D	296	Aug	329.2	5.66	18.63	5761.0	321.23
Muriel of Arcadia 33326	A	198	Aug	680.5	5.16	35.11	6254.8	314.79
Twinkle's Gem 53351	B	300	Aug	359.9	5.66	20.37	6370.7	367.72
HAMILTON, H. P., TWO RIVERS, WIS.								
Diantha of Two Rivers 52328	D	55	July	1298.5	4.18	54.28		
		86	Aug	1166.3	4.10	47.82	3482.5	146.06
Ruth of Two Rivers 54059	F	99	July	949.4	4.80	45.57		
		130	Aug	903.1	4.84	43.71	4009.7	183.64
HARRIS, MRS. M. A., REDWOOD CITY, CAL.								
Corona Boy's Polly 43051	B	90	Aug	917.8	4.18	38.36	3124.5	136.23
Kitchener's Nell 48605	E	304	Aug	383.0	5.81	22.31	6505.0	350.59
HEID, W. J., FORT ATKINSON, WIS. 1 day test								
Benjamin's Gloria 43933	C	173	June	876.0	5.43	47.57		
		204	July	761.8	6.58	50.13	7557.2	395.68
Casterilius Hazel 25076	A	222	June	844.3	5.61	47.37		
		253	July	802.4	5.39	43.25	8678.1	490.48
Gloria of Lake Bluff 36321	A	232	June	818.6	6.61	54.11		
		263	July	774.6	5.31	41.13	9467.6	536.90
Glorious Hazel 34442	A	197	June	900.4	5.86	52.76		
		228	July	811.9	6.50	52.77	8023.6	477.42
Glorious Lenorill 46775	D	160	June	575.3	5.73	32.96		
		191	July	616.8	6.13	37.81	5768.0	300.22
Treynore's Glenwood 55921	G	195	June	710.0	6.91	49.06		
		226	July	671.6	6.08	40.83	5890.9	346.89
HELENDALE FARMS, ATHENS, WIS.								
Artesia 32949	A	28	June	1367.2	4.68	63.98		
		59	July	1462.2	4.17	60.97		
		90	Aug	1270.0	5.03	63.88	4099.4	188.83
Champion's Ophir 59348	G	68	June	1045.2	5.23	54.66		
		99	July	1025.4	4.06	41.63		
		130	Aug	902.1	4.94	44.56	4274.5	195.39
Florestine 14842	A	353	June	756.1	5.34	39.62		
		365	July	272.8	5.24	14.29	9185.2	442.28
Florestine's Triumph 43846	C	125	June	1093.6	5.49	60.04		
		156	July	1080.2	5.11	55.20		
		187	Aug	923.1	6.32	58.34	7055.3	379.80
Miss Sunset 37107	A	272	June	1122.1	4.88	54.76		
		303	July	1046.2	5.48	57.33		
		334	Aug	965.7	5.28	50.99	11966.5	591.14
Wolfram's Margery 34545	A	339	June	581.9	4.95	28.80		
		365	July	448.2	5.33	23.89	8633.4	434.67
HENDERSON, J. W., BERKELEY, CAL.								
Kitchener's Golden Idelia of Bella Vista 56865	C	92	Aug	1066.0	4.38	46.70	3419.8	143.81
Rancho Morning Rose 40298	B	298	Aug	804.5	4.87	39.18	8937.5	400.80
HILL, CHARLES L., ROSENDALE, WIS. 1 day test								
Crocus of Sarnia 42793	B	215	Aug	688.9	4.63	31.90	5909.6	285.71
Imp. Cypress of Sarnia 53729	C	338	Aug	607.4	5.24	31.83	8509.9	397.32
Eloise of Sarnia 61173	G	200	Aug	532.0	5.27	28.04	4298.1	239.36
Fancy of Sarnia 59367	G	125	Aug	669.6	4.40	29.46	2992.9	125.07
Imp. Gladys of Blaye Farm 40197	A	135	Aug	889.6	4.21	37.45	4155.3	187.85
HOARD, A. R., FORT ATKINSON, WIS.								
Bonnie of Koshkonong Place 48652	E	222	July	676.8	4.51	30.52		
		253	Aug	661.5	4.28	28.31	6922.1	310.17
Dearie of Koshkonong Place 49902	F	267	July	428.3	4.93	21.12		
		298	Aug	440.0	4.63	20.37	6560.2	299.65
Gladness of Koshkonong Place 57345	G	209	July	646.0	4.71	30.43	6200.2	271.22
Gladys of Koshkonong Place 3d 55183	G	114	July	705.6	4.49	31.68		
		145	Aug	637.3	4.45	28.36	3865.4	175.21

Imp. Ivy of Koshkonong Place 35646	A	273 July	548.4	4.25	23.31			
		304 Aug	581.0	4.20	24.40	8278.0	381.72
Myra of Koshkonong Place 48154	E	227 July	554.0	5.45	30.19			
		258 Aug	516.1	5.35	27.61	5669.2	289.22
HOFFERBERTH, C. A., STERLING, VA.								
Heartsease of Rich Neck 3d 60559	G	27 Aug	649.0	5.24	34.01			
HOPPERT, C. & SONS, SHEBOYGAN, WIS.								
Imp. Dignity of Sarnia 65363	F	311 July	485.4	5.47	26.55			
		342 Aug	422.9	5.44	23.01	6442.7	345.21
Imp. Emily of Sarnia 65395	F	344 July	558.3	5.10	28.47			
		365 Aug	358.6	4.92	17.64	7684.0	368.61
Gladys of Sheboygan 60005	G	216 July	575.3	4.89	28.13			
		247 Aug	517.8	4.26	22.06	4939.7	237.37
Imp. Primrose IV. du Pont 53808	D	291 July	804.0	4.39	35.30			
		322 Aug	770.1	4.22	32.50	11084.6	486.36
Imp Rose III. of La Turquie 55198	B	298 July	546.8	4.35	23.79			
		329 Aug	434.1	4.39	19.06	8972.7	383.35
Imp. Vauquiedor's Rose 56455	G	298 July	478.7	4.53	21.69			
		329 Aug	442.6	4.53	20.05	5396.3	244.04
HOUGHTON, CLEMENT S., SHERBORN, MASS.								
Beauty of Stannox 58910	G	212 Aug	733.6	5.57	40.86	5719.9	300.95
Clotilde of Stannox 58140	G	153 Aug	628.2	6.06	38.07	3803.8	220.56
Edith of Graymont 25018	A	192 Aug	654.3	4.60	30.10	6689.3	353.70
Queen of Sherborn 53416	G	365 Aug	313.3	5.86	18.36	8607.5	426.77
Imp. Sequel's Christine of the Isle 48455	B	134 Aug	739.1	5.12	37.84	4358.7	212.81
HUMPHREY, A. B., ESCALON, CAL.								
Berkshire Lassie 35973	A	205 June	941.3	4.81	45.38			
		236 July	901.7	4.63	41.75			
		267 Aug	881.5	4.59	40.46	9148.5	456.29
Imp. Bourne End Polly of the Gron 59854	D	150 June	794.7	4.46	35.44			
		181 July	810.3	4.33	35.09			
		212 Aug	756.0	4.36	32.96	6350.3	288.34
Imp. Daisy II. of the Courtil Ronchin 59843	C	140 July	839.6	4.34	36.44			
		171 Aug	804.0	4.20	33.77	5110.7	220.04
Fairy of Alfalfa Farms 40105	B	348 Aug	365.0	6.32	23.07	8106.6	504.42
Lady Fernwood of Maple Lane 36737	A	170 June	845.6	4.62	39.07			
		201 July	869.4	4.51	39.21			
		232 Aug	851.5	4.41	37.55	7365.1	342.32
Linda's Princess of Maple Lane 32196	A	365 Aug	27.3	5.26	1.44	8400.7	439.57
Princess Ramona of Edgemoor 52581	F	205 July	657.2	5.28	34.70			
		236 Aug	631.5	4.76	30.06	5858.7	301.39
HURLEY, WILLIAM M., ROCKLAND, MASS.								
Imp. Daisy of Bickleigh 48374	A	202 July	1091.4	5.43	59.26	8110.1	409.72
Jedetta's Queen of Iowa 52106	F	181 July	606.7	4.89	29.67	4400.4	217.38
Imp. Lisette VII. of the Bourg de Bas 61277	F	256 July	857.9	5.00	42.90	6638.9	349.14
Imp. Milton Moss Rose of Iowa 67874	E	174 July	867.6	5.25	45.55	5620.3	295.05
INGERSOLL, C. JARED, FORT WASHINGTON, PA.								
Bonfire's Noble Flower 54238	G	243 Aug	608.0	4.37	26.57	6371.9	296.93
Hildesheimess 27160	A	174 Aug	695.9	4.65	32.36	4710.0	236.58
Hildesheim of Warriston 48599	E	165 Aug	515.6	5.01	25.83	3171.1	169.27
Nelly's Noble Triumph 54237	G	224 Aug	592.6	4.63	27.44	5817.1	278.53
IOWA STATE COLLEGE, AMES, IOWA								
Rouge's Lily of Ames 58482	G	272 July	567.1	5.06	28.70	6827.1	340.20
JAMISON, W. G., APPLETON, WIS.								
Golden Tidy 2d 55114	G	330 Aug	736.8	5.09	37.50	8872.6	424.55
Lilly of Homestead 2d 53297	F	346 Aug	531.5	5.28	28.06	6470.1	343.32
Maiden of Homestead 45358	E	312 Aug	584.1	5.19	30.31	7599.8	333.90
Paget's Tidy 55115	G	229 Aug	564.1	5.17	29.16	5027.5	250.15
Tidy of Homestead 37183	A	313 Aug	921.1	5.41	49.83	11140.6	555.27
JEAN DU LUTH FARM Inc., DULUTH, MINN.								
Imp. Flora III. of the Belles 44111	A	21 May	859.0	5.47	46.99			
		51 June	1211.8	4.66	56.47			
		82 July	1019.1	4.95	50.45	3089.9	153.91
Jean Du Luth Coronet 52816	E	9 Apr	352.2	4.25	14.97			
		40 May	1369.8	4.25	58.22			
		70 June	1153.8	4.65	53.65			
		101 July	1028.0	4.33	44.51	3903.8	171.35
Imp. Ruddy II. 43654	B	207 June	652.9	5.23	34.15			
		238 July	560.8	5.72	32.08	5321.9	277.40

FROM THE GUERNSEY WORLD

2. Stranford's Verena of Chippewa 59145—L. P. Martiny

Senior Yearling Heifer

1. Susie of Skillet Creek 64097—L. P. Martiny.
2. Minola Bloom of Oakwood 62872—W. Henry Bell & Son.

Junior Yearling Heifer

1. Charity of Oakwood 64478—W. Henry Bell & Son.
2. Alice of Oakwood 66298—W. Henry Bell & Son.
3. Hiawatha of Chippewa 66610—L. P. Martiny.

Senior Heifer Calf

1. Trent of Oakwood 71147—W. Henry Bell & Son
2. Floride of Oakwood 71146—W. Henry Bell & Co.
3. Stranford's Butter Maid of Chippewa 71257—L. P. Martiny.

Junior Heifer Calf

1. Polly of Oakwood—W. Henry Bell & Son.
2. Christine of Oakwood 75442—W. Henry Bell & Son.
3. Stranford's Valley Lily of Chippewa 74895—L. P. Martiny.

Senior and Grand Champion Bull

King Lewis of Canterbury 24748—W. Henry Bell & Son.

Junior Champion Bull

Stranford's Gold of Chippewa 45184—L. P. Martiny.

Senior and Grand Champion Female

Daisy of Waddington 24555—W. Henry Bell & Son.

Junior Champion Female

Charity of Oakwood 64478—W. Henry Bell & Son.

Graded Herd

1. W. Henry Bell & Son.
2. L. P. Martiny.

Young Herd

1. W. Henry Bell & Son.
2. L. P. Martiny.

Calf Herd

1. W. Henry Bell

Prize Winners and Producers

WAUKESHA COUNTY GUERNSEYS

OCTOBER 31
NOVEMBER 1

AT AUCTION

At WAUKESHA WISCONSIN

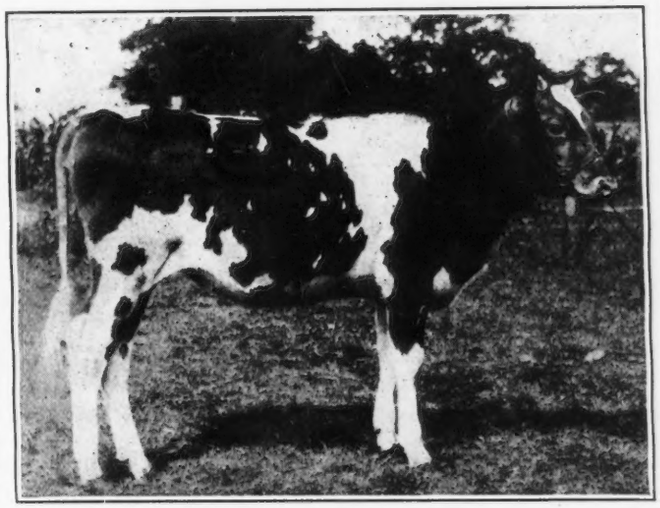
THE WAUKESHA COUNTY GUERNSEY BREEDERS' ASSOCIATION announce the above dates as the days for the holding of their ELEVENTH AND SEMI-ANNUAL SALE of PURE BRED GUERNSEYS.

OCTOBER 31st

Seventy-five PURE BRED BREDFEMALES and several PURE BRED MALES will be offered. It has been our aim to select animals for this sale that will surpass any offering ever made by our Association They will be unequalled from the standpoint of breeding, type and uniformity.

Among this splendid collection will be cows with very creditable records such as 614 lbs., 649 lbs., 696 lbs. fat, etc., daughters of cows that have equally as good records, and sired by such well known bulls as Governor of the Chene, Lord Waukesha, Rhea's King of the May, Lord Yeksa, Governor of Myrtle Place II, etc.

A superb collection of young heifers will be offered, many of which are bred and safe in calf to such well known sires as Florham Victor (a son of Ne Plus Ultra), Royal Rose King of Edgemoor, Westmoreland Squire (a son of Governor of the Chene), Dairymaid's Nonpareil of Iowa (whose dam has a record of 825 lbs. fat.



RED CROSS LADY 74661

NOVEMBER 1st

SIXTY-FIVE head of very high GRADE Guernseys—cows and bred heifers will be offered. These animals are all well marked, and should prove good foundation stock for a herd. In addition to the grades, there will be about 25 head of PURE BRED MALES offered, all of which will be good individuals, and having very good breeding. If you wish to raise the standard of your herd, get one of these pure bred sires.

Our sales are conducted on very good business principles and any guarantees made are backed by the excellent reputation of our Association and its members, and therefore affords a safe place to buy. All animals will be tuberculin tested.

CONSIGNORS TO THE SALE WILL BE:

Chas. L. Hill, Rosendale, Wis.
George W. Browne, Waukesha, Wis.
Geo. D. Lawson, Oconomowoc, Wis.
F. E. Kummrow, Oconomowoc, Wis.
L. J. Wendt, Waukesha, Wis.
Crouch Bros., Hartland, Wis.
Goodhand Kingston, Waukesha, Wis.
Fruit Brothers, Waukesha, Wis.
Basse Bros., West Allis, Wis.
John L. Williams, Waukesha, Wis.
Wm. M. Jones, Waukesha, Wis.
John H. Williams, Waukesha, Wis.
Geo. McKerrow & Sons Co., Pewaukee, Wis.
J. M. Harvey, Waukesha, Wis.
George Konrad, Waukesha, Wis.
Fred C. Smith, Mukwonago, Wis.
H. Riedeburg, Hartland, Wis.
Connell Bros., Menominee Falls, Wis.
Earl Roberts, Oconomowoc, Wis.
J. R. Love, Waukesha, Wis.

REMEMBER the sale of **RED CROSS LADY**, the beautiful **Governor of the Chene** heifer that will be sold October 31st, proceeds of which sale will be donated to the Red Cross Society. She was given to our Association by Geo. W. Browne, Waukesha, Wis.

Auctioneers, LOVE, BAILY, HELLEN, BENJAMIN, BEAUMONT

For Catalogue address: F. E. FOX, Secretary, Waukesha, Wisconsin

Waukesha County Guernsey Breeders' Ass'n

JONES, CHARLES H., WELLESLEY FARMS, MASS.

Imp. Bonita II. of les Bordages 39576	A	161	Aug	1112.0	5.02	55.82	7223.4	357.21
Imp. Bonnie Nuit 4th 40642	A	123	Aug	769.5	5.00	38.48	3775.8	185.66
Imp. Fanny IV. of the Echelle 50432	B	55	Aug	1503.9	3.77	56.70	2586.4	99.13
Fillmore's Topsy 51107	F	304	Aug	733.6	4.89	35.87	8422.5	423.11
Fillmore's Queen of the May 57551	G	125	Aug	748.9	5.12	38.34	3511.1	179.54
Ida Lassie 57552	G	105	Aug	735.7	5.51	40.54	2700.5	145.99
King's Deanie 2d 30700	A	256	Aug	726.2	4.94	35.87	8195.3	396.59
Imp. Linda of Truchon II. 51794	A	274	Aug	816.8	4.32	35.29	8581.8	403.54
Imp. May II. de la Seigneurie 50437	C	125	Aug	1094.4	4.04	44.21	4595.7	188.98
Imp. President's Italia 29151	A	144	Aug	1280.3	4.32	55.31	6996.4	305.92
Imp. Rose II. of the Carrefour 51805	D	365	Aug	597.7	6.21	37.12	11065.1	633.17

JONES, WILLIAM M., WAUKESHA, WIS.

Ada of Sunny Valley 38195	B	365	July	923.7	6.07	56.07	12495.3	690.15
Castello's Beauty 24492	A	206	July	1120.3	4.97	55.68		
		237	Aug	981.8	4.80	47.13	9813.9	462.47
Dora's Ada 22416	A	161	July	1328.9	5.60	74.42	7669.8	410.15
Dora's Ada of Sunny Valley 59315	G	22	June	660.4	5.02	33.15		
		53	July	953.5	4.91	46.82		
		84	Aug	920.3	5.14	47.30	2534.2	127.27
Elizabeth's Beauty 28104	A	256	July	899.0	4.92	44.23		
		287	Aug	740.1	5.30	39.23	9551.1	451.13
Lady Tricksey of Waukesha 24491	A	218	July	1051.2	5.36	56.34		
		249	Aug	976.7	5.45	53.23	9004.8	508.45
Lizette's Beauty 38496	B	322	June	479.7	7.69	36.89		
		353	July	355.2	7.64	27.14		
		365	Aug	102.2	7.64	7.81	7665.3	508.54
Marguerite's Princess Beauty 45775	C	90	July	989.8	4.36	43.16		
		121	Aug	899.4	4.31	38.76	3990.8	173.87
Maria's Glenwood 2d 34061	A	220	July	1091.0	5.28	57.60	9263.8	446.42
Pearly of Sunny Valley 48733	E	147	July	853.0	5.02	42.82		
		178	Aug	686.4	4.62	31.71	6140.9	275.50
Rougette of les Fontenelles 26689	A	74	July	1212.1	4.83	58.54		
		105	Aug	1057.0	4.49	47.46	4018.2	181.27

KANSAS AGRICULTURAL COLLEGE, MANHATTAN, KAN.

Alphea's College Frances 65482	G	147	July	714.2	4.51	32.21	3642.7	178.07
Glenwood Rosa 25341	A	296	July	538.8	4.96	26.72	7287.1	367.38
Imp. Golden Chance II. of Ashburton 66993	G	302	July	688.6	4.11	28.30	8279.8	359.65
Imp. Lucy II. of Corbinez 67016	G	281	July	575.9	5.73	33.00	6689.0	338.49

KINNEY, OSCAR F., ALBANY, N. Y.

Bessie of Waldorf Farm 67130	E	181	Aug	513.5	4.26	21.88	4182.2	176.53
Flossie of Waldorf Farm 67133	E	238	Aug	749.9	5.41	40.57	6927.1	356.45
Georgia of Mixter Farm 38848	A	212	Aug	504.4	4.68	23.61	4865.3	208.94
Langwater Seamstress 40710	B	120	Aug	1094.4	4.31	47.17	5289.2	234.47
Marcia of Waldorf Farm 67131	E	217	Aug	742.0	5.04	37.40	6393.5	299.39
Prophetess Fay of Waldorf Farm 70254	G	161	Aug	680.7	4.06	27.64	4171.1	164.75
Sally of Elmpines 51289	G	365	Aug	605.0	4.82	29.16	8007.1	360.98

KLEMM, RICHARD F., BARABOO, WIS.

Galaxy's Daybreak 39373	A	21	Aug	751.6	4.51	33.90		

LAPHAM, H. G., BROOKLINE, MASS.

Langwater Easter Lily 39269	A	15	July	587.3	4.62	27.13		
		46	Aug	1221.6	4.75	58.03	1808.9	85.16
Langwater Springtime 37854	A	27	June	1246.3	3.74	46.61		
		58	July	1352.8	4.12	55.74		
		89	Aug	1206.0	3.91	47.15	3805.1	149.50

McALPIN, D. H., MORRIS PLAINS, N. J.

Archeen 36261	A	136	Aug	914.6	3.68	33.66	4708.8	165.66
Daisy of the Chene 45583	C	136	Aug	868.7	4.07	35.36	4495.4	174.32
Masher's Antoinette 36940	A	113	Aug	933.2	4.01	37.42	3997.5	156.97

McBANE, W. S., EAST LIVERPOOL, OHIO. 1 day test

Chedda's Doris of Overland View 54635	G	273	July	458.2	4.86	22.27		
		304	Aug	390.2	5.10	19.90	5800.2	300.37

McEWAN, CHARLES B., ALBANY, N. Y.

Betsey of Bellview 48017	D	103	Aug	1093.2	4.30	47.01	4298.9	204.16
Druce's May Queen 45294	D	240	Aug	930.4	4.88	45.40	8757.6	417.77

McKINNEY, PRICE, WICKLIFFE, OHIO

Imp. Primrose of Balmoral 35414	A	61	July	1258.9	4.35	54.76	2489.2	112.09

MACY, V., EVERIT, OSSINING, N. Y.

Antoinette of Chilmark 24816	A	205	Aug	1051.7	5.29	55.63	9928.2	474.02
Antoinette of Chilmark 2d 48898	F	365	Aug	273.7	5.91	16.18	10915.5	592.79
Itchen's Antoinette 48891	E	328	Aug	669.5	5.41	36.22	10877.2	525.68

FROM THE GUERNSEY WORLD

GET OF SIRE

1. W. Henry Bell & Son.
2. W. Henry Bell & Son.
3. L. P. Martiny

PRODUCE OF COW

1. L. P. Martiny.
2. W. Henry Bell & Co.
3. L. P. Martiny.

Massachusetts

Successful Calf Raising at Mixter Farms

A most effective system of feeding and caring for young calves has been adopted at Mixter Farm, which shows a very intelligent study of conditions contributing to the welfare of the young calf. Superintendent Clark reported a year ago ninety-eight calves under six months of age on the farm, and that not a single calf had been lost for six months. He promises to give the readers of the JOURNAL soon a detailed account of the method adopted. Mixter Farm has the second largest herd of Guernseys in the world. It now offers a number of mature females for sale in order to accommodate the large number of young animals.

Brockton Farm, Brockton, Massachusetts, October 2-5

AGED BULL

1. Imp. Cherry's Memento of Iowa 27562—William Hurley, North Pembroke, Massachusetts.
2. Don Iago of Linda Vista 28387—C. W. Barron, Cohasset, Massachusetts.
3. Reality of Greenway's France Jewel 18381—James Palmer, Norwich, Connecticut.

BULL, 2 YEARS AND UNDER 3

1. Bobby Shaftoe 34829—C. W. Barron.
2. Yunties Bloom's May King—James Palmer.

BULL, 1 YEAR AND UNDER 2

1. King's Buddy of A. D. F. 37631—F. A. Prince, Sharon, Massachusetts.
2. Grace's B. G. of Fillmore 45761—C. W. Barron.
3. South America 42450—James Palmer.

First 5 Dams Average Over 700 Lbs. Fat

May Rose Yeksa Starlight II
Calved August 30, 1917.
Color: fawn and white, buff nose. Very large, strong calf, with straight top line.

- **May Rose Yeksa Starlight**
  First prize at North Dakota, Montana, Iowa, and Minnesota State Fairs and at the Waterloo Dairy Show 1917.
  - **May King of Linda Vista A. R.**
    Line bred May Rose sold for $4600. Sire of many prize winners. Sire of Duchess of Manomet 541 lbs. fat, Class F.
    - **Langwater May King A. R**
      Sold for $3500.
    - **Queen of the Roses**
      852 lbs. fat A. R.
  - **Lime Girl 33441 A. R.**
    12283.7 lbs. milk, 554.81 lbs. fat, Class D. Re-test—15,264.5 lbs. milk, 728.6 lbs. fat, Class B. Class Leader.
    - **Uncle Sam A. R.**
      Richly bred Yeksa bull whose first two dams average 600 lbs. fat. 37½% the same blood as Yeksa's Prince that sired Yeksa Sunbeam.
    - **Lime Belle**
- **Starlight's Contrast A. R.**
  13,999 lbs. milk, 682.4 lbs. fat, Class D. Re-test—17,701 lbs. milk, 811 lbs. fat, Class A. Minnesota Champion, all ages.
  - **Starlight's Excelsior A. R.**
    Grandsire of Starlight's Excelsior of Jean Du Luth, 31 times a champion. Sire of 3 Minnesota Class Champions.
    - **Standard A. R.**
      Sire of:
      Standard's Morning Glory
      Record—714 lbs. fat
      Robiline II
      Record—603 lbs. fat.
    - **Starlight of Geneva**
      Record—570 lbs. fat A. R.
  - **Contrast 21964 A. R.**
    11,368.9 lbs. milk, 541.08 lbs. fat.
    - **Radium A. R.**
      His dam's record, 505 lbs. fat.
    - **Gwendolina 18450**
      Dam of two in A. R. and out of 433 lbs. fat dam.

25 of our Guernsey records average over 600 lbs. fat.

Bulls of our own breeding for sale at reasonable prices.

JEAN DU LUTH FARM, INC.,
Duluth, Minn. and Nickerson, Minn.

Senior Bull Calf

1. Invincible King 43474—William Hurley.
2. Daisy's May Day 45054—William Hurley.
3. Dottie's Prince of Oaks Farm 44693—C. W. Barron.
4. Calf—James Palmer.

Junior Bull Calf

1. Imp. Kenilworth Milton 45517—William Hurley.
2. Bayberry Barrier 45696—Dr. G. A. Lung, Bristol, Rhode Island.
3. Calf—James Palmer.

Aged Cow

1. Madge Cole of Westwood 31449—C. W. Barron.
2. Dottie Cole of Westwood 26348—C. W. Barron.
3. Libby Jean of Waumesit 29506—C. W. Barron.
4. Sequel's Daisy of Pomeroy 47406—C. W. Barron.

Cow, 3 Years and Under 4

1. Imp. Lisette VII. of Bourg de Bas 61277—William Hurley.
2. Hero's Josephine 52143—C. W. Barron.
3. Christabel of Westwood 49630—C. W. Barron.

MARKEN, OTIS A., VALDERS, WIS.								
Lovelady's Pride of Cranmoor 57048	G	256	July	564.1	4.90	27.64		
		287	Aug	565.8	4.65	26.31	6294.2	305.79
Queen Robin 52388	E	159	July	683.6	5.33	36.44		
		190	Aug	634.6	5.33	33.82	4696.3	253.47
Valentine of Cranmoor 57050	G	114	July	665.9	4.44	29.57		
		145	Aug	593.7	4.22	25.05	3377.3	157.25
MASSACHUSETTS AGRICULTURAL COLLEGE, AMHERST, MASS.								
The Earl's Princess 57600	G	8	Apr	234.9	4.58	10.76		
		39	May	1117.8	4.27	47.73		
		69	June	1044.9	4.35	45.45		
		100	July	951.2	3.98	37.86	3348.8	141.80
MEODE, WILLIAM, WAUKESHA, WIS.								
Sweet Alice of Norwood 2d 59135	G	105	July	908.9	4.29	38.99		
		136	Aug	763.1	4.50	34.34	4330.5	185.56
MERICKEL & NELSON, EAGLE BEND, MINN.								
Beauty of Englewood 41673	B	122	June	988.4	4.01	39.63		
		153	July	935.9	3.89	36.41	4865.7	188.80
Glenwood's Minnewaska 43405	B	91	June	954.7	5.16	49.26		
		122	July	905.6	4.90	44.37	3868.0	178.44
Glenwood's Pride of Pine Grove 41219	B	15	Apr	402.1	4.86	19.54		
		46	May	940.8	4.86	45.72	1342.9	65.26
Imp. Governor's Lady Carpathia 40819	B	212	June	724.0	4.66	33.74		
		243	July	737.0	4.43	32.65	6063.3	286.07
Lady Panama 41218	B	212	June	541.7	5.45	29.52		
		243	July	521.8	5.22	27.24	4930.4	275.72
Linnie of Englewood 41672	B	208	June	827.1	5.01	41.94		
		239	July	795.5	4.73	37.63	7317.0	351.14
Imp. Miss Vimiera of St. Croix 58208	C	6	Apr	204.9	4.00	8.20		
		37	May	1133.7	4.00	45.35		
		67	June	1109.7	4.69	52.04	2448.3	105.59
MERRIMAN, SEYMOUR A., FORT ATKINSON, WIS.								
Beauty of Riverview 49706	E	259	July	695.1	5.12	35.59	6770.7	352.75
Dewdrop of Riverview 57524	G	134	July	965.6	5.05	48.76	4648.8	239.23
Irna of Riverside 35882	A	225	July	1042.4	5.14	54.58	9163.4	446.61
Joker's Queen 52405	E	134	July	963.2	4.56	43.92	4573.7	207.63

Justine of Riverview 51239	E	209	July	896.2	4.07	36.48	7443.5	306.99
Marion of Riverside 40042	A	227	July	824.6	4.74	39.09	7709.6	341.06
Primrose of Riverview 57523	G	173	July	893.6	5.01	44.77	5294.7	273.70
Queen's Dewdrop 39243	A	283	July	745.0	5.02	37.40	8824.8	477.72
MICHIGAN AGRICULTURAL COLLEGE, EAST LANSING, MICH.								
Carrie of Hillhurst 34864	A	242	Aug	1042.6	4.64	48.38	1007.1	531.67
MITCHELL, C. J. & D. S., BROOKFIELD, WIS.								
Imp. La Belle Buttercup 35707	A	221	July	882.6	5.03	44.39		
		252	Aug	827.2	4.97	41.11	8175.5	380.29
MITCHELSON, ARIEL, TARIFFVILLE, CONN.								
Imp. Carrie of Clovelly 67000	F	202	July	545.1	4.57	24.91	4895.3	215.07
Imp. Daisy III. of La Moinerie 69279	F	142	July	810.0	4.60	37.26	4237.6	205.35
Imp. Donnington Fawn 4th 59864	D	201	July	519.9	4.66	24.23	4031.2	191.19
Imp Primrose of Myrtle Place 65767	G	140	July	523.0	5.82	30.44	2823.9	157.77
Imp. Primula II. 48462	C	303	July	329.0	5.61	78.46	5936.7	279.21
Imp. Richesse Rhea III. of the Chene Farm 69264	E	193	July	562.2	5.37	30.19	4048.3	217.44
MIXTER, EST. GEORGE, HARDWICK, MASS.								
Chief's Dolly 48414	B	277	July	617.3	6.57	40.56	8088.7	467.25
Chief's Frieda 54265	B	17	July	622.4	4.62	28.75		
Chief's Hannah 48710	A	231	July	633.5	4.91	31.10	6398.0	319.48
Duchess Ruth 47060	A	261	July	1008.8	5 73	57.80	9978.6	521.52
Hardwick Nun 48407	A	69	July	880.3	4.27	37.59	1993.6	95.48
Mary Ann of Mixter Farm 46983	A	264	July	646.1	4.95	31.98	7378.6	363.53
Mixter Dawn 58048	D	277	July	917.9	6.06	55.62	9668.7	531.39
Mixter Dayspring 53025	C	288	July	624.1	5.73	35.76	7025.8	407.14
Mixter Dominie 54247	B	313	July	466.1	5.61	26.15	8308.1	431.92
Mixter Duchess 48395	A	325	July	985.0	5.03	49.55	11320.9	560.50
Mixter Elsie 48385	A	196	July	945.9	4.83	45.69	7875.0	359.13
Mixter Fairy 54263	B	134	July	897.0	4.52	40.54	4498.0	199.23
Mixter Felois 58402	A	78	July	881.9	4.90	43.21	2315.3	115.74
Mixter Geraldine 53580	A	112	July	857.3	5.14	44.07	3768.8	184.94
Mixter Hawthorn 48420	B	365	July	16.7	5.60	.94	8055.8	440.32
Mixter Lara 58058	D	54	July	1154.3	3.84	44.33	2147.7	87.05
Mixter Lass 58049	C	87	July	846.6	4.17	35.30	2657.0	115.69
Mixter Mabel 59804	E	114	July	830.3	5.05	41.93	3563.5	171.45
Mixter Mabel of Hardwick 59805	E	153	July	736.5	5.17	38.08	4951.5	238.52
Mixter May Dean 62941	E	80	July	815.6	4.40	35.89	2081.0	90.68
Mixter Nan 48406	A	60	July	1158.7	4.42	51.21	2305.2	106.24
Mixter Nedelka Dean 62984	G	70	July	747.8	4.49	33.58	1744.7	80.44
Mixter Oakleaf 48419	A	96	July	1047.8	4.88	51.13	3563.2	159.34
Mixter Queen of Hardwick 62966	F	150	July	769.6	4.38	33.71	4329.8	183.72
Mixter Red Wing 48399	B	365	July	593.8	5.41	32.12	10387.7	534.85
Mixter Rose Dean 62951	F	280	July	624.2	5.20	32.46	6618.6	343.44
Mixter Star 62959	G	365	July	466.4	6.00	27.98	7076.0	392.73
Mixter Susie 62953	G	301	July	563.0	5.55	31.25	6045.9	321.62
Sally Hardtack 47062	A	365	July	123.7	4.90	6.06	10088.3	438.12
Susie of Mixter Farm 47056	A	360	July	743.7	4.50	33.47	10648.8	491.60
Thirty Thousand Six Hundred Ten 30610	A	81	July	1122.5	3.78	42.43	3123.5	124.66
Thirty Thousand Six Hundred Seventy One 30671	A	219	July	965.2	4.71	45.46	8537.5	399.97
Thirty Thousand Six Hundred Seventy Six 30676	A	267	July	816.8	4.69	38.31	8935.1	423.52
Thirty Thousand Six Hundred Seventy Eight 30678	A	30	July	1065.5	3.94	41.98		
Thirty Thousand Eight Hundred Twenty Four 30824	A	205	July	848.3	5.04	42.75	7120.5	355.69
Thirty Thousand Eight Hundred Thirty Five 30835	A	109	July	1122.8	4.63	51.99	4344.0	193.92
Thirty Thousand Eight Hundred Fifty Eight 30858	A	307	July	582.8	5.38	31.35	8118.8	429.82
William's Nobska 54246	A	5	June	145.2	4.73	6.87		
		36	July	1046.7	4.73	49.51	1191.9	56.38
Yeoman's Mixter Bluebird 62979	G	166	July	661.1	5.46	36.10	4109.6	210.12
Yeoman's Mixter Faith 62948	G	342	July	618.6	5.76	35.63	7641.0	415.72
Yeoman's Mixter Germania 62982	F	24	July	723.3	4.16	30.09		
Yeoman's Mixter Laramie 62980	G	14	July	398.1	4.46	17.76		
Yeoman's Mixter Nun 62949	G	365	July	116.2	5.96	6.93	8013.1	442.62
Yeoman's Mixter Picotty 62985	G	287	July	556.6	4.90	27.27	6877.8	328.54
Yeoman's Mixter Princess 62960	G	279	July	737.1	4.69	34.57	7750.6	364.74
Yeoman's Mixter Select 58055	F	365	July	376.7	5.85	22.04	8213.9	386.85
MOORE, PAUL, CONVENT, N. J.								
Imp. Miss Rosey of Les Pages 69276	F	243	Aug	815.7	5.00	40.79	7974.2	379.10
MORLOCK, AUGUST, WATERVLIET, MICH,								
Ella's Florence V. 41352	B	182	Aug	590.7	4.87	28.77	4788.8	215.80
Glenwood's Princess Thelma 37446	A	169	Aug	792.3	4.98	29.46	5177.6	254.77
Harriet Polly Prim 53056	F	171	Aug	715.5	4.34	31.05	4911.9	203.10
Shirley Glenwood 53057	F	118	Aug	939.0	4.50	42.26	4316.1	179.34

FROM THE GUERNSEY WORLD

4. Louise of Westwood 49632—C. W. Barron.

Cow, 2 Years and Under 3

1. Mar's Blossom of the Prairie 57391—William Hurley
2. Reddy Maid of Westwood 56744—C. W. Barron.
3. Golden Lass of Westwood 56745—C. W. Barron.
4. Memento's Flora of the Prairie 59418—William Hurley.

Senior Yearling Heifer

1. Memento's Lady of the Prairie 59419—William Hurley.
2. Memento's Snowdrop 63440—William Hurley.
3. Imp. Hayes Moss Rose 67892—William Hurley.
4. Alida of Round Hill 65984—James Palmer.

Junior Yearling Heifer

1. Miss Spotswood of A. D. F. 66091—C. W. Barron.
2. Sweet Melrose of Round Hill 65986—James Palmer.

Senior Heifer Calf

1. May King's Cyclia of A. D. F. 71452—C. W. Barron.
2. Cherub's Jedetta—William Hurley.
3. Molly of the Cape 2d 71187—William Hurley.
4. Etta of Round Hill 75296—James Palmer.

Junior Heifer Calf

1. Raymond's Lucy of Oaks Farm 74827—C. W. Barron.
2. Advocate's Modena of Oaks Farm 74173—C. W. Barron.
3. Bayberry Bonnie 75806—Dr. G. A. Lung.
4. Mabel of Round Hill—James Palmer.

Senior and Grand Champion Bull

Imp. Cherry's Memento of Iowa 27562—William Hurley.

Junior Champion Bull

King's Buddy of A. D. F. 37631—F. A. Prince.

Senior and Grand Champion Female

Mar's Blossom of the Prairie 57391—William Hurley

Keep the Breeding of GUERNSEYS Safe

By Joining the CLUB

Write now for information to

The American Guernsey Cattle Club

Peterboro, N. H.

BELLWOOD FARM

INGOMAR, ALLEGHENY COUNTY, PA.

WE HAVE

1st Production — 3rd May Roses

2nd Type — 4th Masher's Sequels

5th A calf yearly from every female of breeding age.

We have never had a case of abortion.

Herd Tuberculin Tested.

Herd sire is a fine son of Jethro Bass, whose dam and granddam have fine A. R. records.

Three very fine bull calves for sale now whose dams are milking from 45 to 55 lbs. under regular farm conditions. Correspondence a pleasure. Our customers are the only ones to be thoroughly satisfied.

MR. & MRS. W. P. CRAIG, Proprietors

F. HOMER BAILEY, Manager

JUNIOR CHAMPION FEMALE

Miss Spotswood of A. D. S. 66091 —C. W. Barron.

EXHIBITOR'S HERD

1. C. W. Varron with Don Iago of Linda Vista 28387; Madge Cole of Westwood 31449; Reddy Maid of Westwood 56744; Miss Spotswood of A. D. F. 66091; May King's Cyclia of Al D. F. 71452.

2. William Hurley with Imp. Lisette VII. of Bourg De Bas 61277; Mzr's Blossom of the Prairie 57391; Memento's Lady of the Prairie 59419; Memento's Lady of the Prairie 59419; Cherub's Jedetta; Imp. Cherry's Memento of Iowa 27562.

3. C. W. Barron with Advocate's Modena of Oaks Farm 74173; Bobby Shaftoe 34829; Dottie Cole of Westwood 26348; Raymond's Lucy of Oaks Farm 74827; Golden Lass of Westwood 56745.

4. James Palmer with Realty of Greenway's Frances Jewel 18381; Alida of Round Hill 65984; Etta of Round Hill 75296; Lady Tipperary 57014; Lottie T. of Daisydale 23752.

YOUNG HERD

1. C. W. Barron with Grace's B. G. of Fillmore 45761; Miss Spotswood of A. D. F. 66091; May King's

MORRILL BROS., CORNISH, MAINE. 1 day test								
Pearl's Peggy of Broad Vista 57301	G	104	July	788.8	5.05	39.83		
		135	Aug	697.8	4.85	33.84	3673.6	177.66
Pearl's Pride of Broad Vista 49809	F	365	July	287.8	5.97	17.18	8577.7	441.25
Stately of Broad Vista 56889	F	53	July	820.5	4.67	38.32		
		84	Aug	708.3	5.30	37.54	2190.1	105.62
MOSELEY, F. S., NEWBURYPORT, MASS.								
Duchess May of Maudesleigh 33162	A	153	Aug	1207.7	4.53	54.71	7088.6	311.29
Duchess Royal of Maudesleigh 62317	G	90	Aug	837.8	5.39	45.16	2616.4	147.91
Royal Bo Peep of Maudesleigh 54847	F	92	Aug	837.3	4.56	38.18	2571.2	125.61
NEW HAMPSHIRE COLLEGE, DURHAM, N. H.								
Goldfinch of the Glen 29560	A	139	Aug	968.4	4.09	39.61	5640.5	220.58
Lena of the Glen 49444	E	151	Aug	756.3	4.32	32.67	4870.4	216.00
NISSLEY, S. R., MANHEIM, PA. 1 day test								
Ledyard Prince's Belle 61387	F	298	Aug	588.4	5.23	30.77	8601.9	410.14
OLESON, A. O., LIVINGSTON, WIS.								
Caroline of Yeksahurst 50913	F	279	July	592.4	4.93	29.21	6906.8	350.42
Cherry Blossom of Yeksahurst 42599	C	222	July	880.7	4.23	37.25	7556.0	326.93
Madame Cherie 35699	A	210	July	1055.3	4.04	42.63	8665.2	360.82
Missy of Yeksahurst 42598	C	226	July	546.1	5.08	27.74	5701.5	307.80
Missy Willow 33889	A	212	July	704.4	4.96	34.94	10014.3	486.28
Nancy of Yeksahurst 51755	F	229	July	778.4	5.00	38.92	6871.0	342.94
Pattinette 26837	A	309	July	698.7	4.72	32.98	11281.9	573.89
Patti of Helendale 23105	A	346	July	568.0	5.33	30.27	7863.8	402.77
Pride of Yeksahurst 47429	C	23	June	875.0	5.09	44.54		
		54	July	1137.8	4.60	52.34	2012.8	96.88
Yeksanette 42600	D	307	July	846.1	4.90	41.46	10048.3	521.32
OREGON AGRICULTURAL COLLEGE, CORVALLIS, ORE.								
Freesia's Corona Lass 43050	C	140	Ape	812.5	4.07	33.07		
		171	May	834.4	4.42	36.88		
		201	June	732.4	4.30	31.49		
		232	July	668.5	4.45	29.75	6664.8	283.35
Freesia's Corona Lass of Iowa 55903	G	180	Apr	526.2	4.55	23.94		
		211	May	559.9	4.40	24.64		
		241	June	536.5	4.85	26.02	4762.8	199.91

PHILLIPS, M. T., POMEROY, PA.								
Golden Pauline of Pomeroy 56152	G	316	Aug	511.8	4.86	24.87	7813.4	355.66
Hope of Pomeroy 38174	A	102	Aug	1113.6	4.29	47.77	4978.7	212.47
May King's Ideal 40323	B	269	Aug	731.1	4.98	36.41	10085.2	475.48
Nankeen 6th 43850	A	227	Aug	582.5	5 05	29.42	7040.4	356.30
Royal's Clara 58614	G	123	Aug	819.6	4.18	34.26	4006.4	163.59
Royal's Lady Jane 53604	G	214	Aug	669.3	4.53	30.32	6964.3	277.06
PYNE, PERCY R., BERNARDSVILLE, N. J.								
Chaperone of Upton Pyne 54222	G	224	Aug	799.5	5.12	40.93	6654.1	338.60
Irene of Upton Pyne 54220	G	284	Aug	684.1	5.87	40.16	6847.8	388.24
RANSOM & KISSINGER, RANSOMVILLE, KAN. 1 day test								
Imp. Bijou of the Echelle III. 69281	F	180	Aug	549.4	4.60	25.27	3762.5	158.63
Dolly of Ransomville 47404	A	152	Aug	594.9	6.17	36.71	3651.8	196.71
Imp. Donnington Goldie 6th 65902	G	144	Aug	714.3	5.51	39.36	3710.0	181.74
Lassie of Ransomville 52069	F	180	Aug	466.5	6.18	28.83	3085.1	190.33
REED, M. L., COAL VALLEY, PA.								
Rose of the Locust Hill 4th 55874	G	318	Aug	475.5	5.61	26.68	6898.8	382.07
ROBERTS, T. W. & I. W., BALA, PA.								
Clover of Pencoyd 3d 48274	D	176	Aug	1331.7	5.62	74.84	7862.7	388.06
Little Nell of Pencoyd 49195	D	11	July	479.7	3.94	18.90		
		41	Aug	1501.5	3.94	59.16	1981.2	78.06
Nella Jay 4th 38233	A	153	Aug	1770.6	4.98	88.18	9324.0	426.33
Nella Jay 7th 62540	F	31	July	1102.6	4.44	48.96		
Queen Salem of Pencoyd 62539	D	31	July	1190.2	4.32	51.42		
		62	Aug	1382.3	4.64	64.14	2572.5	115.56
Red Rose of Pencoyd 36494	A	112	Aug	1085.0	4.37	47.41	4158.4	183.48
Rose of Pencoyd 27300	A	12	June	513.4	4.30	22.08		
		43	July	1560.8	4.30	67.11		
		74	Aug	1558.0	4.94	76.97	3632.2	166.16
ROTHWELL, JAMES E., COTUIT, MASS.								
Lady Dolly of Rosemead 36567	A	31	July	807.8	4.43	35.79		
		62	Aug	889.1	4.62	41.08	1696.9	76.87
Imp. May Queen of Duvaux III. 65756	F	18	June	650.1	4.02	26.14		
		49	July	1172.6	4.02	47.14		
		80	Aug	1038.7	5.34	55.47	2861.3	128.75
RUNDELL, DALE E., LIVINGSTON, WIS.								
Ada of Ore Hill 51385	F	273	May	707.1	5.20	36.77		
		304	June	723.0	5.84	42.22		
		334	July	654.3	5.07	33.17		
		365	Aug	621.3	5.33	33.12	8614.7	430.96
Imp. Adelia of Ore Hill 52264	C	194	May	1104.6	4.78	52.80		
		224	June	1059.4	5.30	56.15		
		255	July	922.0	4.81	44.35		
		286	Aug	858.9	4.88	41.91	10581.1	521.74
Agnes of Ore Hill 51384	F	239	May	709.9	4.95	35.14		
		269	June	75.2	4.95	3.72	5685.3	266.34
Arlene of Ore Hill 53342	G	235	May	467.9	5.90	27.61		
		265	June	454.6	5.75	26.14		
		296	July	408.0	5.56	22.68		
		327	Aug	427.3	5.48	23.42	5610.3	308.87
Imp. Aurora of Ore Hill 52278	E	260	May	496.1	4.92	24.41		
		290	June	432.5	5.78	25.00		
		321	July	364.1	5.42	19.73		
		352	Aug	405.7	5.26	21.34	7037.5	352.96
Mary of Ore Hill 49645	E	88	May	1226.3	4.57	56.04		
		118	June	1268.3	4.55	57.71		
		149	July	1209.7	4.30	52.02		
		180	Aug	1106.8	4.44	49.14	7095.1	319.36
Imp. Nelly of Ore Hill 48062	C	87	May	1146.9	4.87	55.85		
		117	June	1102.0	5.31	58.52		
		148	July	1082.8	4.95	53.60		
		179	Aug	972.8	4.97	48.35	6439.8	317.97
Susie of Ore Hill 49345	E	116	May	1052.8	4.17	43.90		
		146	June	1087.0	4.70	51.09		
		177	July	997.3	4.02	40.09		
		208	Aug	933.8	4.14	38.66	6910.4	286.96
RUNDELL, F. B. & NICHOLSON, R., LIVINGSTON, WIS. 1 day test								
Imp. Jane of Springfield II. 55353	A	186	July	800.6	4.90	39.23		
		217	Aug	761.7	4.67	35.57	7393.6	337.74
Imp. Turquie Rose 53767	A	253	June	803.1	4.50	36.14		
		284	July	710.0	4.51	32.02		
		315	Aug	670.0	4.41	29.55	8671.0	377.41
RUNDELL, HOMER F., LIVINGSTON, WIS.								
Imp. Alma of Linwood 51573	D	231	July	805.3	4.44	35.76		
		262	Aug	762.1	4.62	35.21	8788.4	389.12
Imp. Annie of Linwood 51555	C	269	July	860.4	5.02	43.19		
		300	Aug	822.9	5.09	41.89	9717.4	477.18

FROM THE GUERNSEY WORLD

Cyclia of A. D. F. 71452; Advocate's Modena of Oaks Farm 74173; Raymond's Lucy of Oaks Farm 74827.

2. William Hurley with Cherub's Jedette; Mollie of the Cape 2d 71187; Memento's Snowdrop 63440; Memento's Lady of the Prairie 59419; Invincible King 43474.

3. James Palmer.

Dairy Herd

1. C. W. Barron with Dottie Cole of Westwood 36348; Sequel's Daisy of Pomeroy 47406; Reddy Maid of Westwood 56744; Golden Lass of Westwood 56745.

2. C. W. Barron with Libby Jean of Waumesit 29506; Golden Lass of Westwood 56745; Hero's Josephine 52143; Madge Cole of Westwood 31449.

3. James Palmer.

Get of Sire

1. C. W. Barron with the Get of Jethro Sequel 18517 showing Louise of Westwood 49632; Reddy Maid of Westwood 56744; Golden Lass of Westwood 56745;

2. William Hurley with the Get of Imp. Cherry's Memento of Iowa 27562 showing Memento's Snowdrop 63440; Memento's Lady of the Prairie 59419; Memento's Flora of the Prairie 59418.

3. James Palmer.

Produce of Cow

1. C. W. Barron with Produce of Christie Cole of Westwood 31451 showing Christabel of Westwood 49630; Reddy Maid of Westwood 56744.

2. C. W. Barron with the Produce of Lulu Cole of Westwood 31507 showing Louise of Westwood 49632; Golden Lass of Westwood 56745.

3. William Hurley with the Produce of Imp. Milton Moss Rose of Iowa 67874 showing Imp. Hayes Moss Rose 67892; Imp. Kenilworth Milton 45517.

4. James Palmer.

New Hampshire

Bosworth's Sales.

The farm of Charles W. Bosworth at Walpole, New Hampshire, reports the sale of the bull calf Foamdrift Regent to Edwin A. Carter of Becket, Massachusetts; the bull calf Foam

Coniston's Regent to Herman C. Heiden of Springfield, Massachusetts, and the bull calf Honorbright Regent to V. E. & F. D. Bailey of River Falls, Wisconsin.

Mr. Weidman Goes to Albamont Farms

Mr. C. R. Weidman, who for the past seven years has been manager of the Elm Leigh Farm owned by the late Mr. Andrews of Putney, Vermont, has taken charge of the Albamont Farms at Campton, Mew Hampshire, having entered on his new duties the seventh of September.

Mr. Weidman will develop a stock farm of the highest type, which will be modern in every respect. Several of the buildings have already been built and the balance will be put up under Mr. Weidman's supervision. A foundation herd of forty head of pure bred Guernseys has already been acquired. These consist of the best blood lines and individuals obtainable and with these as a foundation herd Mr. Weidman should make an even greater success than he did at Elm-Leigh where he produced three Class Leaders. In addition to the Guernseys, registered Berkshire swine and Dorset sheep will also be bred.

Albamont is a farm of about 400 acres situated in the Mad River Valley, in the town of Thornton, New Hampshire, Campton being the railroad station and postoffice address. Albamont Annex in the Pemigewasset River Valley and in the towns of Thornton and Campton will also be under Mr. Weidman's management, this Annex Farm being one of the best in the Pemigewasset River Valley. This Annex Farm contains about 235 acres, of which half is of the finest level interval land, free from stone and will be worked by tractor.

New Jersey

Interstate Fair, Trenton, New Jersey

E. T. Gill, Judge.

BULL, 3 YEARS AND OVER

1. Barrington May King 19312—Charles D. Cleveland, Eatontown, New Jersey.
2. Don Iago of Linda Vista 28387—C. W. Barron, Cohasset, Massachusetts.
3. Oakland of Ewing 30978—Oakland Farms Co., Trenton Junction, New Jersey.
4. Oliver of Tarbell Farms 20982—H. W. Baldwin & Son, Pennington, New Jersey.

Imp. Atlantis of Linwood 51581	D	84	May	910.9	4.23	38.53		
		114	June	865.9	4.61	39.92		
		145	July	808.2	4.52	36.53		
		176	Aug	765.8	5.03	38.52	4966.9	220.44
Du Port's Lily Queen 35118	A	273	June	839.2	4.37	36.67		
		304	July	783.0	4.57	35.78		
		335	Aug	696.6	5.59	38.94	9572.8	430.61
Frances of Upper Freehold 45255	D	194	June	965.0	4.79	46.22	7951.6	357.21
Ideal of Alfalfa Farms 40750	A	292	July	970.1	6.59	63.93		
		323	Aug	935.7	5.74	53.71	11974.6	670.58
Ideal of Linwood 47864	D	131	July	933.1	4.37	40.78		
		162	Aug	865.4	4.74	41.02	5122.2	229.08
Sweetness of Linwood 51085	F	304	July	755.3	5.07	38.29		
		335	Aug	763.3	5.31	40.53	8844.5	467.78
RUTHERFORD, WILLIAM H., MADRID, N. Y. 1 day test								
King's Orrie 47319	A	360	Aug	816.0	4.31	35.17		
		365	Sept	123.7	4.31	5.33	13174.4	540.10
Prissy of Madrid 28122	A	360	Aug	824.8	5.08	41.90		
		365	Sept	120.0	5.08	6.10	12028.2	574.06
SAGE, HENRY M., ALBANY, N. Y.								
John Q's May Rose 57550	G	123	Aug	1090.9	4.73	51.60	4800.8	238.61
SALISBURY, B. F., FAIRFAX, VA. 1 day test								
Miss Sybil of Willowmere 63228	E	365	July	267.0	6.09	16.26	7188.7	376.57
SATTISON, E. S., LINDSAY, CAL.								
Hilda of Mead 2d 31586	A	81	July	1270.1	3.95	50.17	3292.9	127.85
Mota's Fidelity 56235	G	283	July	541.4	5.76	31.18	5914.1	329.84
Thelma of Sunny View 53158	G	295	July	518.8	6.36	33.00	5332.2	324.05
SCHWALEN, O. R., ROBERTS, WIS. 1 day test								
Imp. Alderney Cherry of City View 59643	E	304	July	549.3	5.23	28.73	7576.9	372.56
Dairy Maid of City View 61806	G	27	July	678.5	5.26	35.69		
Imp. Fleur of City View 59639	D	251	July	851.3	5.18	44.10	9138.1	464.98
Lassie's Iowa Dairy Girl 28776	A	23	June	831.3	5.07	42.15		
		54	July	1298.4	5.07	65.83	2129.7	107.98
Lassie of City View 60269	D	122	July	966.3	4.77	46.09	4318.6	203.10
Miriam of Grenwode 42754	C	330	July	484.3	4.80	23.25	9363.4	458.85
Princess of City View 59646	G	31	July	790.3	4.65	36.75		
Rosebud of City View 57925	G	12	June	322.2	5.12	16.50		
		43	July	934.1	5.12	47.83	1256.3	64.33
SCOVILLE, ROBERT & HERBERT, TACONIC, CONN.								
Eureka of Grasslands 54759	G	254	July	912.4	4.17	38.05	7899.3	326.74
Grasslands Liliana 73375	G	115	July	783.2	4.65	36.42	3333.1	141.46
Mary Girl 72827	F	98	July	707.6	4.82	34.11	2337.4	104.67
SEARS, EDMUND H., WAYLAND, MASS.								
Buttercup of Geneva 41957	D	347	May	266.9	4.93	13.16		
		365	June	733.2	4.93	36.15	9718.9	561.39
Imp. Fancy of les Caches III. 44572	A	184	Aug	780.7	4.36	34.04	5113.3	217.46
Janet of Indian Bridge 53524	F	184	Aug	697.0	5.09	35.48	4499.8	218.87
Imp. Jewel of Indian Bridge 47356	E	365	Aug	760.7	5.21	39.63	9880.3	488.53
Imp. Pearl's King's Marmora 50334	D	304	Aug	761.3	5.69	43.32	8701.1	467.90
SHIPMAN, LOUIS EVAN, PLAINFIELD, N. H. 1 day test.								
Lady Ella of Cottage Hill 55218	G	268	Aug	543.5	5.49	29.84	6323.4	332.96
SHOEMAKER, S. M., ECCLESTON, MD.								
Anton's Itchen May Rose 44139	C	31	May	950.5	4.66	44.29		
		61	June	900.3	5.64	50.78		
		92	July	870.2	5.55	48.30		
		12e	Aug	785.5	5.25	41.24	3506.5	184.61
Charmante's Delight of Ellenwood 50497	C	188	July	768.8	5.76	44.28		
		219	Aug	703.1	5.59	39.30	7094.9	363.92
France's Glen Rose 34637	A	101	May	1338.9	4.75	63.60		
		131	June	1165.0	6.11	71.18		
		162	July	1111.7	5.72	63.59	6852.4	347.50
Lady Lavender 55604	G	283	July	625.1	4.86	30.38	7559.7	340.57
Lady Rea 51922	F	166	May	753.7	5.12	38.59		
		196	June	705.1	5.49	38.71		
		227	July	643.1	5.51	35.43	5628.8	283.81
Ma Chere Cecile 55850	G	252	June	648.7	5.30	34.38		
		283	July	657.9	5.43	35.72		
		314	Aug	570.8	5.39	30.77	7772.9	360.28
Ma Chere Confidence 55851	G	313	July	765.4	5.25	40.18		
		344	Aug	714.7	5.15	36.81	9664.2	484.74
Ma Chere Golda 55853	G	278	July	642.9	4.73	30.41		
		309	Aug	536.6	5.10	27.37	7880.7	345.70
Ma Chere Jardiniere 55849	G	334	July	785.5	5.22	41.00	9003.3	403.36
Ma Chere Milk Maid 55852	F	115	July	701.0	5.27	36.94		
		146	Aug	646.4	5.22	33.74	3634.2	183.94
Ma Chere Topsy 55854	G	215	July	841.8	5.30	44.62		
		246	Aug	772.0	4.99	38.52	7537.9	349.73

Margaret May Rose 51132	F	260	July	523.4	6.09	31.88	5469.8	303.24
Pinehurst Golda 41878	B	278	July	561.6	5.47	30.72	7388.9	366.33
Queen Celia 42968	B	153	July	1138.9	5.21	59.34	6637.5	313.51
Thirty Thousand One Hundred Twenty Three 30123	A	148	July	1167.0	4.76	55.55		
		179	Aug	940.9	5.34	50.24	7965.6	354.69
STOUT, F. D., ANGUS, WIS.								
Delight of Lone Pine 40865	C	197	May	975.2	5.38	52.47		
		227	June	998.5	5.48	54.72		
		258	July	1006.0	4.94	49.70	9163.9	492.18
Lady Enid of Lone Pine 40863	B	151	July	912.6	5.19	47.36	5045.7	257.67
Lady Gertrude of Lone Pine 53502	G	133	June	613.2	5.25	32.19		
		164	July	631.9	5.15	32.54	3527.0	181.66
Langwater Charity 38605	A	152	July	1276.5	4.61	58.85	6990.7	321.87
Lyla of Lone Pine 51687	G	365	July	166.8	5.51	9.19	7329.5	413.61
Raider's Belle of Linda Vista 56230	G	119	June	705.7	4.84	34.16		
		150	July	745.5	5.16	38.47	3750.6	181.59
Surprise of Lone Pine 40864	B	215	July	881.4	6.14	54.12	6930.3	391.89
Susie of Lone Pine 52072	G	260	July	696.3	5.61	39.06	5949.3	326.06
TAYLOR, MOSES, MT. KISCO, N. Y.								
Rosebud of the Glen 50978	G	290	July	1071.2	4.81	51.52		
		321	Aug	1028.9	5.02	51.65	10788.6	542.14
TIMMINS, GEORGE H., WARE, MASS.								
Lady Grayling of Mixter Farm 47065	A	276	Aug	615.4	5.56	34.22	7561.1	382.41
Mixter Laretta 48408	A	231	Aug	798.2	5.26	41.99	7218.5	376.29
TONE, S. LA RUE, CANONSBURG, PA.								
Beauvache 56811	G	92	Aug	636.3	5.81	36.97	2301.3	124.46
Cloverette 49597	D	313	Aug	122.5	4.39	53.78	6077.8	361.90
TOUSEY, WILLIAM B., JORDAN, N. Y.								
Jessie May Rilma of Broad Ridge 54569	G	323	Aug	708.9	5.09	36.08	8003.3	409.53
Miss Moneymaker 56316	B	21	Aug	864.8	4.25	36.75		
Rival's Queen of Chilmark 55766	F	153	Aug	721.3	5.64	40.68	4358.2	224.34
VAN ALSTYNE, EDWARD, KINDERHOOK, N. Y. 1 day test								
Glenwood's Buttercup of Sunnyside 53226	F	184	Aug	676.3	5.05	34.15	4504.7	226.53
Justice Daisy 48135	E	195	Aug	763.9	4.71	35.98	5671.6	284.16
Justine of Sunnyside 47832	D	120	Aug	710.6	4.48	31.83	3322.2	138.68
VANDER BEEK, F. I., GLEN SPEY, N. Y.								
Imp. Lynchmere Marie 54018	C	103	Aug	1172.2	4.60	53.92	4160.8	186.91
VAN KIRK ,E. S., NEWFIELD, N. Y. 1 day test.								
Co-Ed of Ithaca 26304	A	274	Aug	656.3	4.80	31.50	9760.5	425.77
Co-Ed of Ithace 2d 33558	A	272	Aug	915.0	5.00	45.75	10001.4	476.59
Lucretia of Maple Grove 51540	F	274	Aug	770.4	4.60	35.44	7808.2	345.17
Lucy Taylor 44872	D	274	Aug	727.8	5.53	40.25	7141.0	373.65
WARBURG, FELIX M., WHITE PLAINS, N. Y.								
Senecta 28125	A	228	July	1163.2	4.57	53.16		
		259	Aug	1108.8	4.52	50.12	11580.8	514.71
WEAVER, LESLIE, RHINEBECK, N. Y.								
Imp. Durrington Lily 3d 54035	E	60	Aug	1206.2	4.50	54.28	2290.2	200.68
WEBB, J. GRISWOLD, CLINTON CORNERS, N. Y.								
Babette of Webb Farms 57781	E	129	July	981.2	5.26	51.61	4335.9	227.84
Bertha of Stanford 48814	D	124	July	980.9	4.78	46.89	4400.4	209.76
Imp. Bonne Femme du Clos au Conte III. 50377	E	131	July	1010.4	4.98	50.32	4777.9	248.59
Imp. Brittleware Tinkabell 48522	B	149	July	785.4	4.95	38.88	4271.1	204.72
Imp. Butter IV. of Clairmont 48470	D	145	July	803.9	4.78	38.43	4067.8	185.79
Ethel of Stanford 50611	E	110	July	962.8	4.58	44.10	3579.7	163.92
Imp. Flora de la Forge 50372	D	263	July	724.4	6.77	49.04	7353.2	424.02
Imp. Governess of St. Croix 47087	D	244	July	777.6	5.13	39.89	7296.4	369.80
Madeline of Upton Pyne 54219	F	145	July	601.6	5.08	30.56	2814.9	144.79
Miranda of Beaver Ridge 49182	D	70	July	1222.4	4.51	55.13	2802.7	124.98
Imp. Pearl King's Nelly 51224	E	235	July	877.1	5.34	46.84	7377.9	386.52
Penelope of Brookmead 46275	D	122	July	1068.6	4.78	51.08	4702.5	216.75
WEST, WILLIAM R., NEW BEDFORD, MASS.								
Imp. Fine Feathers 58908	G	153	Aug	635.2	5.08	32.27	3297.2	153.66
Raymond VIII's France of Lewison 36505	A	101	Aug	944.8	4.36	41.19	3105.4	126.78
WHITE, GEORGE M., FREEHOLD, N. Y.								
Imp. Betsey of Cloverley 45903	A	167	Aug	967.9	4.34	42.01	6015.1	290.57
Gayhead's Queen 55511	G	208	Aug	800.3	4.53	36.25	6056.6	266.29
WHITNEY, C. L. A., ALBANY, N. Y.								
Imp. Wyebrook Rose 69245	B	196	Aug	1136.5	4.76	54.10	9098.8	415.04

FROM THE GUERNSEY WORLD

Bull, 2 Years and Under 3

1. Sylvan of Rich Neck 33810—Oakland Farms Co., Trenton Junction, New Jersey.
2. Bobby Shaftoe 34829—C. W. Barron.

Senior Yearling Bull

1. May King's Best of Bedminster 41081—W. P. Bliss, Bernardsville, New Jersey.

Junior Yearling Bull

1. Sunnybrook Judge 38993—Charles D. Cleveland.
2. Rutila's Glenwood of Penningron 42696—H. W. Baldwin & Son.

Bull Calf

1. Cedartop's Chief 45422—D. K. Este Fisher, Jr., Baltimore, Maryland.
2. Ultra Anchor 42601—Louis McL. Merryman, Cockeysville, Maryland.
3. Corsair of Glenburnie 44152—H. W. Baldwin & Son.
4. Hilda's Sailor Boy of Elso Manor 41563—Frank H. Elsworth, Hopewell, New Jersey.

Aged Cow

1. Imp. Bella de Carteret 37283—W. P. Bliss.
2. May Minuet 42059—Charles D. Cleveland.
3. Clare of Poplar Grove 12122——Louis McL. Merryman.
4. Imp. Mahy's Moss Rose II 39474—Oakland Farms Co.

Cow, 3 Years abd Under 4

1. Fern of Rich Neck 54991—Oakland Farms Co.
2. Marie of Gerar 53661—H. W. Baldwin & Son.
3. Oliver's Gypsy of Meadowbank 50853—H. W. Baldwin & Son.
4. Louise of Westwood 49632—C. W. Barron.

Cow, 2 Years and Under 3

1. Reddy Maid of Westwood 56744—C. W. Barron.
2. Lady of Mapledale 61829—H. W. Baldwin & Son.
3. Golden Lass of Westwood 56745—C. W. Barron.
4. Lillian Evangeline 58703—H. W. Baldwin & Son.

Senior Yearling Heifer.

1. Sunnybrook Mignonette 64437—Charles D. Cleveland.

2. Marguerite of Gerar 62299—Louis McL. Merryman.
3. Sunnybrook Primrose 60359—Charles D. Cleveland.
4. Gaiety's Jewel Daisy's 67240—H. W. Baldwin & Son.

JUNIOR YEARLING HEIFER

1. Miss Spotswood of A. D. F. 66091—C. W. Barron.
2. Virginia of Gerar 66475—Louis McL. Merryman.
3. Lillian's Wonder's Hope 66402—H. W. Baldwin & Son.
4. Countess Helene of Ewing 70587—Oakland Farms Co.

SENIOR HEIFER CALF

1. Gerar Juliana 71194—Louis McL. Merryman.
2. May King's Cyclia of A. D. F. 71452—C. W. Barron.
3. Diene of Ewing 72728—Oakland Farms Co.
4. Faith of Ewing 72729—Oakland Farms Co.

JUNIOR HEIFER CALF

1. Sunnybrook Itchen Unique 73548—Charles D. Cleveland.
2. Gerar Rose 75987—Louis McL. Merryman.
3. Belle of Cedartop 75284—D. K. Este Fisher, Jr.,
4. Raymond's Lucy of Oaks Farm 74827—C. W. Barron.

SENIOR AND GRAND CHAMPION BULL

Barrington May King 19312—Charles D. Cleveland.

JUNIOR CHAMPION BULL

May King's Best of Bedminster 41081—W. P. Bliss.

SENIOR AND GRAND CHAMPION FEMALE

Imp. Bella de Carteret 37283—W. P. Bliss.

JUNIOR CHAMPION FEMALE

Miss Spotswood of A. D. F. 71452—C. W. Barron.

AGED HERD

1. C. W. Barron with
Don Iago of Linda Vista 28387.
Dottie Cole of Westwood 26348.
Sequel's Daisy of Pomeroy 47406.
Reddy Maid of Westwood 56744.
Golden Lass of Westwood 57745.
2. Oakland Farms Co. with
Sylvan of Rich Neck 33810.
Imp. Sequel's Queen 48453.
Fern of Rich Neck 54991.
Imp. Mahy's Moss Rose II. 39474.
Imp. Billy's France's Primrose29378
3. H. W. Baldwin & Son with
Oliver of Tarbell Farms 20982.
Imp. Primrose des Ruettes 38904.
Oliver's Gypsy of Meadowbank 50853.
Marie of Gerar 53661.
Lillian Evangeline 58703.
4. C. W. Barron with
Bobby Shaftoe 34829.
Libby Jean of Waumesit 29506.
King of the May's Thelma of Idylewilde 45736.
Louise of Westwood 49632.
Christabel of Westwood 49630.

YOUNG HERD

1. Charles D. Cleveland with
Sunnybrook Judge 38993.
Sunnybrook Primrose 60359.
Sunnybrook Marguerite 65473.
Sunnybrook Double Rose 73547.
Sunnybrook Itchen Unique 73548.
2. Louis McL. Merryman with
Ultra Anchor 42601.
Marguerite of Gerar 62299.
Virginia of Gerar 66475.
Gerar Juliana 71194.
Gerar Rose 75987.
3. H. W. Baldwin & Son with
Corsair of Glenburnie 44152.
Lillian's Wonder's Hope 66402.
Gaiety's Daisy's Jewell 67240.
Oakland's Grace 76089.
Unnamed heifer.

GET OF SIRE

1. C. W. Barron with the Get of Jethro Sequel 18517 showing
Reddy Maid of Westwood 56744.
Golden Lass of Westwood 56745.
2. C. W. Barron with the Get of Spotswood Daisy's May King 26772 showing

WILDER, G. W., COLTON, CAL.								
Imp. Brittleware Wild Rose 48508	B	257	Aug	658.9	5.45	35.91	7559.3	393.96
Imp. Cherry III. of the Effards 48381	B	256	July	1207.3	5.21	62.90		
		287	Aug	1295.1	4.70	60.87	12432.6	576.68
Cora's Beatrice 24808	A	140	Aug	1148.1	5.86	67.28	6026.2	320.65
WILKINS, CHARLES A., PLATTEVILLE, WIS.								
Daisy of Mound City 2d 59991	G	142	July	681.4	5.16	35.16		
		173	Aug	597.3	5.56	33.21	4185.7	209.83
Eva of Mound City 50134	E	158	July	786.1	5.93	46.62		
		189	Aug	755.4	6.05	45.70	5202.4	289.69
Glenwood Boy's Buttercup 38488	B	365	July	206.0	4.09	8.43	9752.2	427.57
Goldie of Mound City 44810	E	349	July	166.4	5.36	8.92	7445.3	351.07
Lily of Mound City 44809	D	216	July	778.8	5.07	39.49		
		247	Aug	697.9	5.77	20.27	7152.3	381.41
Mabel Olive 33963	A	287	July	1029.0	5.58	57.42		
		318	Aug	1055.0	5.64	59.50	13845.3	751.83
Maranda of Mound City 50132	E	151	July	1135.7	3.91	44.41		
		182	Aug	1030.6	4.02	41.43	7353.7	291.62
Siecelea Pearl 34379	A	177	July	931.9	4.64	43.24		
		208	Aug	858.8	5.32	45.69	7816.0	365.46
Snow Dear of Mound City 53938	E	76	July	845.3	5.36	45.31		
		107	Aug	808.7	5.51	44.56	2953.9	158.29
WINSTON, J. O., SAUGERTIES, N. Y.								
Cavalier's Jane 65155	F	30	Aug	340.0	6.01	20.43		
Florham Melody 62516	G	8	July	301.6	3.53	10.65		
		39	Aug	1177.2	4.03	47.44	1478.8	58.09
Golden Lenore 24811	A	324	Aug	796.1	5.02	39.96	10844.7	554.25
Lady Berna 57028	F	94	Aug	859.4	4.91	42.20	2883.3	134.98
May King's Golden Lenore 45587	E	348	Aug	1047.8	4.64	48.62	12723.7	598.23
May of Onisquethaw 29293	A	330	Aug	306.2	5.36	16.41	7285.9	366.54
May Violet 56563	F	127	Aug	777.6	5.19	40.36	3701.7	192.21
Princess May Rose 58906	G	251	Aug	727.0	5.43	39.48	6194.2	350.66
WORONOAK FARMS CO., WESTFIELD, MASS.								
Adella of the Elms 30422	A	184	Aug	582.6	6.08	35.42	4328.0	248.34
Beulah of Cream Brook 40259	A	195	Aug	644.0	5.72	36.84	5303.5	270.47
Beulah of Woronoak 54227	G	227	June	553.4	6.06	33.54		
		258	July	514.1	5.80	29.82		
		289	Aug	463.7	6.38	29.58	5170.6	298.35
Bountiful's Daughter 29762	A	92	Aug	1024.8	5.16	52.88	3347.6	170.30
Glenwood Girl of Woronoak 54226	E	195	Aug	637.6	5.46	34.81	4720.3	232.48
WRIGHT, T. J., MAUSTON, WIS. 1 day test								
Bobina 45083	F	237	July	729.5	4.73	34.51	7649.5	388.30
Imp. Busy Bee of Sarnia 50483	A	315	July	655.4	6.01	39.39	6952.2	442.41
Hickory Grove's Glennie 58077	G	238	July	591.7	4.13	24.44	5033.1	214.36
Hickory Grove's Jewel 58079	G	216	July	725.9	4.31	31.29	5763.2	258.10
Hickory's Grove's Ruby 58078	G	243	July	599.5	4.82	28.90	4864.6	240.95
Lindina's Lily 36789	A	312	July	655.2	4.44	29.09	7480.5	376.76

MERITORIOUS GRADE GUERNSEYS

HOPPERT, C. & SONS, SHEBOYGAN, WIS.								
Lillian (Grade)	A	318	July	901.9	3.28	29.58		
		349	Aug	805.8	3.59	28.93	12517.8	458.60

FROM THE GUERNSEY WORLD

Miss Spotswood of A. D. F. 66091.
May King's Cyclia of A. D. F. 71452

3. Charles D. Cleveland with the Get of Florham Autocrat 25749 showing
   Sunnybrook Judge 38993.
   Sunnybrook Primrose 60359.
4. Louis McL. Merryman with the Get of Rutila's Glenwood May King 26235 showing
   Marguerite of Gerar 62299.
   Virginia of Gerar 66475.

PRODUCE OF COW

1. C. W. Barron with the Produce of Christie Cole of Westwood 31451 showing
   Christabel of Westwood 49630.
   Reddy Maid of Westwood 56744.
2. Louis McL. Merryman with the Produce of Juliana of Gerar 41706 showing
   Marguerite of Gerar 62299
   Gerar Juliana 71194.
3. Charles D. Cleveland with the Produce of Vidi of Flora Dale 25490 showing
   Sunnybrook Judge 38993.
   Sunnybrook Violet 73546.
4. C. W. Barron with the Produce of Lulu Cole of Westwood 31507 showing
   Louise of Westwood 49632.
   Golden Lass of Westwood 56745.

Wisconsin

Scheuring's Sales

During the past month I have sold the following young stock:

The heifer calf, Cherry's Alice to Reno Herdrich, Greenwood, Wisconsin. This calf's dam is a very fine imported daughter of Imp. Fanny's Sequel 19563, and the calf should make a fine cow.

The bull calf, Jewel's Echo to J. K. Rowley of Greenwood, Wisconsin. This is an exceptionally fine youngster having a very soft skin, fine withers and long deep body. He will be used on common cows to start a grade herd and should give a good account of himself.

To Benjamin Stanley of Greenwood, Wisconsin, the bull calf, Midget's Prince, a fine youngster out of a daughter of my herd sire, Glenwood's Echo 23104.

This is the second bull I have sold Mr. Stanley, his present bull sired by my sire.

—JOHN P. SCHEURING, Greenwood.

Stony Creek Farm Sales.

Stony Creek Farm, Algoma, Wisconsin, recently sold to G. R. Miller, a nicely marked heifer calf from an Advanced Register dam, and a young bull to A. M. Page of Berlin, Wisconsin. G. D. Fellows, the owner of Stony Creek Farm, has just added three Advanced Register cows to his herd, two from Ex-Governor W. D. Hoard's herd, and one from Waupaca County.

General

Statement of Ownership

Management, Circulation, etc., of the Guernsey Breeders' Journal published semi-monthly at Pererborough, New Hampshire, required by the Act of August 24, 1912. Editor and Business Manager, William H. Caldwell, Peterborough, New Hampshire; Editorial Assistant, Clarence H. Hulburt, Peterborough, New Hampshire; Publishers and Owners, The American Guernsey Cattle Club, Peterborough, New Hampshire; Robert Scoville, New York City, New York, President; William H. Caldwell, Peterborough, New Hampshire, Secretary and Treasurer. corporated under Special Act, Connecticut Legislature. No Stock ever Issued. No Indebtedness.

Sworn to and subscribed before me this October 1, 1917.

EBEN W. JONES, Notary Public.

New Books

We have just received three books, bearing on dairy subjects, that will prove of interest to Guernsey breeders. The "Manual of Milk Products" by Professor W. A. Stockings, Jr., of Cornell University is a selection of quotations from the works of the best authorities on all phases of the dairy industry. This bringing together of a large mass of data, its assortment, selection of the most valuable matter for printing and binding in one cover, in logical order will be welcomed by all students of dairying and dairy conditions.

The time is rapidly passing when people regard milk, butter, cheese and ice-cream as luxuries. They are fast becoming recognized as essential food, and are entering more and more into the human diet. The methods by which these products, amounting to a billion dollars annually are handled, influence decidedly their food value. It is, therefore, important that in the handling of these products the best practice should be employed, and Professor Stocking has rendered a service to mankind by the work he has done. The "Manual of Milk Products" is published by the MacMillan Company of 66th Fifth Avenue, New York City, and can be obtained from them for $2.00.

Another MacMillan book published in August 1917 is a 450 page treatise entitled "Western Live Stock Management." It is edited by Ermine L. Potter, professor of Animal Husbandry at the Oregon Agricultural College, assisted by Professors Carl N. Kennedy, George R. Samson and Oran M. Nelson. In the new Pacific northwest country the practices of practical stockmen are not generally known, and Professor Potter realizing that real improvement must be based on an accurate knowledge of present practices, presents information which experienced stockmen already possess, but which the young man or beginner often finds expensive to acquire.

The book covers the question of beef cattle, sheep, horses and swine, and can be obtained for $1.75 from the MacMillan Company.

A small laboratory guide of 100 pages dealing with ice-cream making in its various phases, may be obtained from the Orange Judd Company, 315 Fourth Avenue, New York City.

Trade Song

If I knew you and you knew me,
'Tis seldom we would disagree;
But never having yet clasped hands,
Both often fail to understand
That each intends to do what's right,
And treat each other "honor bright,"
How little to complain there'd be
If I knew you and you knew me.

Whene'er we ship you by mistake,
Or in your bill some error make,
From irritation you'd be free,
If I knew you and you knew me,
Or when the checks don't come on time,
And customers send us "nary" a line,
We's wait without anxiety
If I knew you and you knew me.

Or when some goods you "fire back,"
Or make a kick on this or that,
We'd take it in good part you see,
If I knew you and you knew me.
With customers a thousand strong,
Occasionally things do go wrong—
Kind friends, how pleasant things would be,
If I knew you and you knew me.

—EXCHANGE.

Intensive Agriculture in the Channel Islands

(Continued from Page 265)

milked morning and night and are thus greatly protected from flies that from June to October make life a burden.

Usually the soiling crops are cut by the mowing machine with a drop platform that leaves the cut forage in a gavel, and the cutting is done twice or three times a week.

We grow some maze for soiling crops, but the season is too cold to produce good silage. Weekly sowings of roots follows each week's cutting of rye in the spring, and the roots give us far more tonnage an acre than could possibly be had by growing silage. The roots make a fine succulent feed cut and mixed with cut hay, a bushel basket of the mixture to a cow, with grain added to those in milk.

General Management—Cattle.

The general policy of the farm management is briefly as follows: Others have reached as good and even better results with different methods. Of one thing we feel certain, we have still much to learn.

Calves are usually left on their dams for the first three days, in the case of heifers with inflamed udders, even longer; with cows sometimes two calves about the same age are turned to them three times a day. A cow that is drying off sometimes does foster mother duty to one or a pair of calves for a week or more.

The second week calves are introduced to the pail and fed twice a day four pints of sweet milk with two pints of separated milk and one pint of calf gruel added as one pint of sweet milk is withdrawn, until by the beginning of the third week they are entirely on separated milk and gruel. The policy of the dairy is butter making, the separated milk being fed to pigs and calves. Bull calves that are selected or considered good enough to keep are generally done a little better than the heifers, but never enough to encourage overgrowth. Of two evils we think a large or over grown bull more to be avoided than a small one, that is if the latter is well and vigorous.

After weaning from separated milk and gruel the young things have one pound of bran, one of oats crushed, one of linseed meal or three of crushed oilcake a day with roots and cut hay in winter or soiling crops without grain from March to November.

In calf-heifers the same twice a day when stable fed. We believe in getting in-calf-heifers in high condition during the period of gestation (not before). Besides from the time conception takes place they have two to feed, and in addition will require a good store of fat on their bodies to draw from after they freshen, cows the same, with grain rations increased after freshening for those that respond to it with an increased yield that pays a good profit on the extra grain consumed. We do not go in for record making (I have had my day at that) besides grain is too dear, and the cows are seldom with us more than one milking period as they are usually exported as soon as they are dry and a fresh one takes the place.

We aim during the winter at least to keep the following:

Fourteen milch cows.
Fourteen in calf heifers.
Fourteen yearling heifers.
Two age service bulls.
Two yearling bulls.
Ten to twelve calves.

This as already stated is the capacity of the stables at the home farm where all liquid manure and drainage from the solid manure is secured. Stables on the other farms are used one as a hospital, another for storage and shelter as an open shed for heifers running out late in the autumn on land devoted to hay.

Swine

The brood sows (5) have been selected from hardy native sows from big litters and big milking families, and are fed soiling crops three times a day (all they will eat) from March to November, and as much cut roots and dampened hay with a grain ration added (same as given to the cows) during the winter. The boars used are usually large or middleweight Yorkshire.

We aim to raise two litters of pigs a year from each sow which gives them a good rest between litters and a chance like the in-calf heifers and cows, to store up a good supply of fat for their next litters to draw from.

The pigs at a week old have a partition put in the pen with a hole in it (a pig creep)so they can help themselves to separated milk later with gruel added same as for the calves. They are weaned and sold when six weeks old. At this date they are bringing 60 to 65 shillings a brace, or couple, in the market.

Extra Labor

Aside from the question of extra labor, which, as I said before is a bugbear, one feels sometimes that there is such a thing as having *too much of a good thing.* In growing four or five tons of hay an acre, some of it when down has to be cut at half swath in order to get the mower through it, and that means also that it must be tedded and turned by hand as the crop is too heavy for tedder and horse rake to do good work at least before it is cured. We have about fifty tons again this year from twelve acres. With the great burden of hay, it has taken us over three weeks to harvest it, and the cause of some profanity—at least on the part of our farm laborers. One says he is ashamed to go to confession so often with the same old story "profanity" I told him "a few more nicks in his halo would never be noticed among so many"—"Right sir!" he promptly replied. "I was looking at it the other day in the glass and the notches looked in it for all the world, like the teeth of a big circular rip-saw. There is no room for another nick."

Being shorthanded, I undertook to give the men a lift at the hay. When I found it meant fourteen hours a day, I threatened to join the Union the first day, so I could go on strike the following, but they gave me a drink of "old man cider" (the real barn raising kind of my youth) and later a cup of old ladies' tea (refreshment, nourishment and joy) and I decided to reconsider the matter, and have stuck it out for two weeks.

Too Much of a Good Thing

When the late George Tallman, sold out he determined to buy where alfalfa grew without protest, so he went to Fayetteville, near Syracuse, where it was so indigenious to the soil it was said to grow "wild like weeds along the road side." After spending several days looking about, he at last found a farmer who was willing to sell—in fact he seemed most too willing. However, a sale contract was duly signed and passed. "Now" said Mr. Tallman, "I'm fast, I'm not going to back out, but I'm very anxious to know how it is that with a farm containing fifty acres of the finest alfalfa I have seen you want to sell it," "To h— with alfalfa" said the farmer, "I dont want to be haying all the summer"—I fear that about expresses the sentiments of all hands at Le Vallon.

Woodend Farm Guernsey Sale

(Continued from Page 267)

River Farm, owned by Mrs. Medill McCormick of Byron, Illinois. Mr. Fielden also obtained eleven cows to help fill the new buildings recently completed for this estate.

The highest price paid for a cow was $1000 for First Dawn of Woodend 38659. This cow, a daughter of Imp. Cora's Governor of Chilmark 8971, has a record in class B. of 606.98 pounds of butter fat, and is doing even better on reentry. She was purchased by W. W. Wolfe, of Kellogg, Minnesota. Dr. R. J. Palmer of Detroit, Michigan, obtained two choice daughters of Imp. Cora's Governor of Chilmark 8971 at $610 and $670 respectively.

Ohe of the Minnesota buyers was George Chaffe, of Minneapolis, who has long been a breeder and exhibitor of Jerseys, but has disposed of his entire herd of Jerseys and is now starting in with Guernseys.

Nine head sold for an average of $880 each. The total amount received for 116 head sold, which includes the calves, was $37,430, an average of $323. A complete list of the buyers and prices paid is given below:

Bulls

May Rose King 2d 13130—J. M. Fox, Foxburg, Pa.	$2000
Imp. Valentine's Squire 28093—Mrs. Medill McCormick, Byron, Ill.	1130
Imp. Major of the Vimiera 28092—University of Arkansas, Fayetteville, Ark.	210
Governor Marshall of Woodend 39143—John Sousen, Wyoming, Minn.	245
Minnetrista Governor 39150—Frank Richardson, Garden City, Minn.	275
Fleurie's Squire 39151—S. W. Hill, Ostrander, Minn.	190
King Sunbeam 41530—H. C. Adams, Algona, Iowa	250
Squire of Minnetonka 41532—B. F. Laflin, Osseo, Minn.	125
Cora's Noble King—G. A. Chaffee, Minneapolis, Minn.	365
Squire of the Hermitage—H. C. Adams	170
Noble Squire—J. P. Cupp, Mora, Minn.	145
King Bel Air—H. C. Holst, Lake City, Minn.	180
The Squire—G. Tomlinson, Hutchinson, Minn.	150
Bull Calf—Rusk County Farm	65
Bull Calf—E. H. Eberhart, Albert Lea, Minn.	165
Fifteen bulls averaged per head	$378

Cows

Rosie of Locust Hill 21958—T. C. Norman, Crystal Lake, Minn.	$225
Lolita Marshall 18441—D. F. Clark, Minneapolis, Minn.	275
Belle of Hutchinson 17684—H. R. Howard, Lake Crystal, Minn.	135
Primana 18439—G. W. Richardson, Garden City, Minn.	305
Clover of Lindhearst 18629—H. G. Norman, Lake Crystal, Minn.	145
Lady Marshall McQueen 19812—E. F. Jones, Lake Elmo, Minn.	300
Lola Marshall of Woodend 20840—Mrs. Medill McCormick	400
Annetta of Woodcrest 28312—Mrs. Medill McCormick	230
Arabella of Woodcrest 23813—Rusk Co. Farm, Glen Flora, Wis.	275
Caralore 23127—Geo. C. Stone, Duluth, Minn.	250
Beatrice of Seaview 23189—University of Arkansas	610
Lucretia's Maid of Honor 5th 23862—Mrs. Medill McCormick	360
Glendetta Marshall 25402—J. Kunz, Minneapolis, Minn.	250
Celestine McQueen 26613—Rusk County Farm	340
Sunbeam's Dawn 4th 27140—D. F. Clark	210
Mayflower of Woodend 2d 27331—Geo. A. Nichols, Estherville, Iowa.	350
Lucretia's Maid of Honor 7th 30070—G. B. Gilman, Garden City, Minn.	335
Ivy Leaf T. 31009—E. H. Eberhart	305
Primana of Woodend 32242—R. J. Palmer, Detroit, Mich.	670
Sunbeam of Woodend 32963—Mrs. Medill McCormick	400
Lucretia's Maid of Woodend 34449—D. F. Clark	225
Arabella of Woodcrest 2d 35926—Mrs. Medill McCormick	700
Imp. Gallienne's Caradoc 49522—Chas. Brooks, Mankato, Minn.	565
Sunbeam's Dawn 5th 37791—J. Kunz	400
First Dawn of Woodend 38659—W. W. Wolfe, Kellogg, Minn.	1000
Governor's Maid of Woodend 38706—R. J. Palmer	610
Imp. Fanny of New Anneville 50688—W. W. Wolfe	395
Mayflower Marshall 3d 41269—W. F. Murphy, Aitken, Minn.	350
Cora's Fanny of Woodend 41271—Mrs Medill McCormick	425
Elsie of Woodend 2d 41272—J. Kunz	300
Daisy H. of Woodend 41275—J. Kunz	350
Imp. Bel Air XIX. 49529—J. L. Hope, Madison, N. J.	550
Alberta's Maid of Woodend 41671—University of Arkansas	420
Imp. Butter Girl of the Gree II. 49530—H. R. Howard	230
Mary Dawn of Woodend 43246—Mrs. Medill McCormick	335
Celestine McQueen of Woodend 43101—George McKerrow & Sons Co., Pewaukee, Wis.	340
Sunbeam of Woodend 2d 43102—Mrs. Medill McCormick	600
Beatrice M. of Woodend 45307—D. F. Clark	255
Lucretia's Emerita of Woodend 45309—W. M. Hageman, Hastings, Minn.	335
Canterbury of Woodend 45310—W. E. Harrington, Hutchinson, Minn.	230
Golden Bess of Woodend 45311—W. C. Smith, Wauwatosa, Wis.	125
Arabella of Woodcrest 3d 45315—Geo. Richardson, Garden City, Minn	150
Mayflower Marshall 4th 47979—H. R. Howard	280
Lucretia's Maid of Woodend 2d 47983—H. R. Howard	160
Lily of Woodend 2d 47985—Mrs. Medill McCormick	350
Emerita's Maid of Woodend 47986—W. M. Hageman	435
Lola of Woodend 48294—Mrs. Medill McCormick	400
Woodend Belle 47987—Chas. Brooks	265
Imp. Cosy of Woodend 51760—University of Arkansas	205
Hermosa McQueen 2d 51761—Geo. Richardson	285
Maxwell's Little Lady 51764—H. G. Norman	135
Imp. Mysore's Favorite 51767—Oak Grove Stock Farm, Sauk Center, Minn.	250
Lily of Woodend 3d 55422—D. F. Clark	260

Yosan's Governess 55423—W. W. Wolfe	310
Mayflower Marshall 5th 55426—W. M. Hageman	365
Fifty-five cows averaged per head	$345

HEIFERS

Heifer calf—W. W. Clark, Grand Rapids, Wis.	$ 80
Lucretia's May Rose 58568—W. E. Harrington, Hutchinson, Minn.	420
Governor's Carolore 58570—George C. Stone	250
Lady Gold Bag 58571—Geo. A. Nichols	245
Governess Clestine 58572—Mrs. Medill McCormack	390
Governess Alberta 58879—L. A. Tange, Hutchinson, Minn.	280
Heifer Calf—W. M. Hageman	115
Governor's Honor Maid 58573—W. P. Cowan, Wheaton, Ill.	430
Lilly Valentine—G. A. Chaffee	240
Squire's Lucretia Maid 62164—W. H. Hageman	270
Squire's Emerita 62165—G. H. Rogers, Minneapolis, Minn.	200
Daisy Garenne 62166—G. A. Chaffee	230
Homestead Rose of Woodend 62168—G. A. Chaffee	450
Rose Cora 62169—J. L. Hope	410
Governess Louise 62170—Geo. McKerrow & Sons Co.	260
Squire's Lola 62171—L. A. Tange	210
Rose Celestine 65786—J. L. Hope	310
Madam Squire 65787—D. F. Clark	115
Rose St. Amant 65788—G. A. Chaffee	565
Rosa Lola 65789—L. L. Hope	300
Governess Ivy Leaf T—G. A. Chaffee	350
Celestine's Governor McQueen 67804—W. E. Harrington	235
Governor's Ina 65792—G. H. Rogers	295
Cora's Mayflower of Woodend 67805—Frank Richardson	280
Daisy Governess 65793—H. C. Adams	185
Rose Sunbeam 65794—Rusk County Farm	290
Cosy Girl 67806—A. W. Dahlin, Silver Lake, Minn.	130
Heifer Calf—A. W. Dahlin	65
Jewel Valentine 56795—E. H. Eberhart	265
Governess Lolita 65796—D. F. Clark	175
Rose Emerita 69662—J. L. Hope	400
Governess Marshall 69663—G. A. Chaffee	215
Beatrice Vimeria 69669—G. A. Chaffee	260
Belle of Minnetrista—J. M. Fox	500
May Rose Rosie 69665—J. M. Fox	600
Rose Arabella 69666—J. L. Hope	325
Rose Lucretia 69669—J. M. Fox	500
May Rose Celestine—J. L. Hope	315
Celestine's Valentine—J. P. Cupp	165
May Rose Lucretia—J. L. Hope	425
Squire's Beatrice—J. L. Hope	210
Bel Air of Woodend—Geo. B. Gilman	100
Mary Rose—J. L. Hope	250
Primana of Woodend 2d—Frank J. Quinn, Peoria, Ill.	210
Forty-four heifers averaged	$284
116 head averaged	$323

The Fillmore Farm Sale

(Continued from Page 270)

Imp. Duchess II. of La Grande Rue 51796—E. P. May, Framingham, Mass.	160
Fillmore's Victoria 40119—F. A. Prince, Sharon, Mass.	525
Rose Girl 51725—Bay End Farm, Buzzards Bay, Mass.	410
Imp. Violet of the Isle 51806—Bay End Farm, Buzzards Bay, Mass.	175
Imp. Manor View Gully 40611—H. J. L. Bodwell, Sanbornton, N. H.	550
Fillmore's Ma Charmante's Gully 47955—Charles W. Curtis, Marlboro, Mass.	325
Galeta II. 53398—E. P. May	310
Imp. May II. De La Seigneurie 50437—Russell Grinnell	800
Imp. Rose II. of the Carrefour 51805—F. E. Perkins, Providence, R. I.	510
Fillmore's Cosy 51108—C. L. Hutchins	285
Mary of Follyland 49397—J. C. Haartz, Boston, Mass.	750
Imp. Topsy De Carteret 35401—The Oaks Farm, Cohasset, Mass.	3600
Imp. Linda of Truchon II. 51794—Frederick S. Peck	360
Imp. Donnington Ida 32441—H. M. Ely, N. Wilbraham, Mass.	200
Raymond's Charmante 38408—Chas. M. Schwab, Loretta, Pa.	800
Charmante's Jewel 49146—Riveria Farm	710
Imp. Bonita II. of Les Bordages 39576—Chas. E. Lord & Son, Wells, Me.	810
Bonita of Edgewater 47556—Chas. M. Schwab	600
Imp. Jeanette III. of Les Sages 51804—E. P. May	325
Mirabelle of Edgewater 42889—E. P. May	400
Average for twenty-five cows	$627

HEIFERS

Regent's Fanny 66618—F. B. Rice, Peterboro, N. H.	$350
Nora Q. 64981—F. B. Rice	500
Fillmore's Kitty 60739—Bay End Farm	400
John Q's Nora 57791—Russell Grinnell	725
Italia's Cosy 65652—H. F. Kean,	260
John Q's Deanie 59622—Charles J. Prescott, Norwood, Mass.	500
Fillmore's Mary 57554—F. E. Perkins	540
Ida Lassie 57552—Riviera Farm	650
Fillmore's Annette 58947—Riviera Farm	400
Farewell's Violet 67713—Frederick S. Peck	160
Fillmore's Italia 57555—Chas. M. Schwab	725
John Q's Mignonne 61366—Riviera Farm	350
Dolly's Dairy Maid 65943—Charles W. Curtis	300
Good Queen Vic 66617—Charles J. Prescott	425
St. Ita's Charmante 71460—J. L. Hope, Madison, N. J.	150

Italia's Prize 64980—H. J. L. Bodwell	405
Captain's Galeta 65185—H. F. Kean	290
Italia's Jeannette 65942—H. F. Kean	275
Ginseng 70524—G. P. Williams, Medfield, Mass.	200
Primrose's Daughter 62323—Frederick S. Peck	230
Charmante's Rose 64979—Frederick S. Peck	300
Fillmore's Comely 65653—H. F. Kean	250
Gorizia 64982—Riviera Farm	430
John Q's Granny 64115—F. G. Benham, Canandaigua, N. Y.	260
Average for twenty-four heifers	$378

BULLS

Bull—E. P. May	$100
Bull—Charles W. Colby, Tilton, N. H.	160
Bull—F. H. Pope, Auburndale, Mass.	120
Bull—Riveria Farm	320
Bull—J. W. Robinson, Natick, Mass.	100
Italia's Champion 38642—F. A. Prince	115
Bull—H. M. Ely	140
Bull calf—Hugh Bancroft, Cohasset, Mass.	75
Bull calf—W. C. Hawkes, South Windham, Me.	30
Average for nine bulls	$129
Average for fifty-eight head	$447

What I Have Gained From the National Dairy Show

(Continued from Page 271)

would find no ready market for the offspring, owing to my having entirely lost sight of the approved Guernsey type.

"In fact, not long ago, I visited just such a herd. The owner, although doing no Advanced Register work at present, really had a splendid producing herd. A number of the animals were not so bad but what considering their record, had I had them in my herd I would probably have kept them, but I certainly never would consider buying any such animals, and this breeder was wondering why there was no sale at fair prices for his surplus."

George McKerrow & Sons Company of Pewaukee, Wisconsin, feel that one cannot afford to miss the Dairy Show. They give two definite reasons why they attend each Show as follows:

"First, We are immensely helped by the exchange of ideas with other breeders whom we meet there. We think that one of the most important features in stimulating us to better work with our herd is contact with other men who are striving along the same line. There is probably no place where we can meet so many of the big men of the business as at a National Dairy Show.

"Second: We go to a dairy show because it affords us an opportunity to study the most advanced type of the breed. We are interested in type and we are also interested in the relation of type to production. There is no other place where we can study this matter as thoroughly and as satisfactorily as at a show national in character. Our own ideas can be modified and strengthened by the study of the exhibit and the ratings of the judges.

"All in all, a person cannot afford to miss a Dairy Show. One goes home feeling as though he has had a big vacation with a whole lot of enthusiasm for the Guernsey business in general."

"No man can be a judge of type if he looks at his own animals every day, and does not look at any others," says Louis McL. Merryman of Cockeysville, Maryland, in commenting the Dairy Show. While making this statement Mr. Merryman fully realizes the value of producing characteristics in Guernseys. He says: "While I think that production and reproduction is what every breeder should certainly strive for, I would not give $50 for a cow that could make 700 pounds of fat in a year and raised ten heifer calves, provided she had a bad rump, hollow back and funnel shaped udder, and all her daughters did too.

"Of course this may be heresy but we can get cows that will make 700 and even 1000 pounds of fat, and have a dozen calves, and at the same time go out in the show ring and win, and those are the hardest to breed, and that is what makes the game fun. Otherwise we might as well make Ford automobiles."

Regarding the value received from meeting other breeders, Mr. Merryman has had concrete experience about which he writes as follows:

"In addition to seeing the other 'feller's' cow you see the other 'feller' and both have a chance to talk a little shop and tell how the good heifer at home is doing. This again makes the fun of the business and I do think the Guernsey people are the best people in the world to know.

"Besides the extra knowledge and much real pleasure we get out of a trip to the Dairy Show, there is the dollars and cents side. I would not trade one trip to the Dairy Show for all the advertising in every dairy paper in the country. I remember distinctly striking an acquaintance with a man in the Stock Yard Inn at lunch in 1914 and later I sold that man six cows for $10,000."

Fruit Brothers of Waukesha, Wisconsin, are developing many excellent Guernseys. They believe that the National Dairy Show tends to do away with "local type" in Guernseys. The localizing of type is a distinct disadvantage in successfully promoting the breed. We quote them as follows: "We have visited the Dairy Show several times. We think it one of the most helpful and educational events for dairymen and pure bred breeders. It is a great help to breeders as it sets a standard type for all and does away with each breeder or community breeding for a type of their own standard."

The value of the show ring in checking up one's own work and efforts along breeding lines is thus pertinently phrased by J. R. Bent of Oglesby, Illinois:

"The benefit which the writer feels he gets from attending the better dairy shows, especially the National, is first, the inspiration which it gives one to do more and better work; second, the opportunity to compare one's own ideals and progress with those of other progressive breeders, and 'check up' on the latest composite standards of the breeds' constructive men, as to conformation, type, etc.,; third, the enjoyment of seeing a large display of fine animals and of meeting fellow breeders and enthusiasts."

Judge W. B. Quarton of Algona, Iowa, has bred Guernseys for many years, but feels that he can still learn something about the business from other breeders. He has attended the National Dairy Show every year but one, and gives a comprehensive statement of the value of the National as follows:

"In my judgment, I have always received the full value of my time and money spent in attending the Dairy Show. Most of the time I would stay at the Show during the whole week. Other times my work at home made it necessary to cut my stay a little short. The great benefits to be derived from attending such meetings are many and varied. Among the important ones I would mention that the great variety of all breeds of dairy cattle exhibited, gives one an opportunith to compare the individuals of his own herd with very many other herds. Then, in addition to this, one has a splendid opportunity to compare the various breeds and get the opinion of other breeders in relation thereto, as well as the comparative virtues and prices of the various breeds of dairy cattle.

"While the Show is a great show in itself and very entertaining and instructive in and of itself, in my judgment, the most benefit to be derived is in visiting and comparing notes with the various breeders whom one meets at the Show. To do this one must not be in a hurry, but take his time to stay at least a large part of the entire time that the Show is in progress. There are hundreds of men at this Show with whom a breeder can visit and go over matters of breeding and feeding and care and sale of the product and thus gain very much valuable information; and of all the benefits that one derives at the Dairy Show, I believe this one, if properly managed, is the greatest benefit that one can get. In other words, I have gained more information by visiting with such men as E. T. Gill, F. G. Benham, Charles L. Hill, W. M. Jones and Governor Hoard, than I could gain in a year's time going over the country to dairy farms or by reading the best papers I could find. They are constantly relating matters of personal experience which are of the highest value in all the various details of conducting a herd of dairy cattle. These visits can be best had at meals; and an evening spent with a good breeder of long experience can not be estimated in real value to a fellow breeder."

Guernseys At Wisconsin State Fair

(Continued from page 272.)

animal except one shown by Mr. Kingston was sired by Moss Raider of Muskego 28482.

L. P. Martiny of Chippewa Falls, Wisconsin, brought a very nicely balanced herd, of which his junior bull, Stranford's Gold of Chippewa 45184 the grand champion of the Indiana state fair, was the most promising representative.

A. W. Fox & Son of Waukesha, Wisconsin, showed only one head, Rita's Queen of Waukesha 75631, first prize junior heifer calf. The awards were as follows:

Aged Bull

1. May King's Vrangue of Ingleside 15430—Messrs. Hill, Welles and Lawson, Rosendale, Wisconsin.
2. Captain Cedric 25977—L. P. Martiny, Chippewa Falls, Wisconsin.
3. Moss Raider of Muskego 28482—Goodhand Kingston, Muskego, Wisconsin.

Bull, 2 Years and Under 3

1. Dairydette 33849—L. P. Martiny.

Senior Bull Calf

1. Begonia's Masher of Chippewa 44292—L. P. Martiny.
2. Moss Raider Prince of Muskego 42975—Goodhand Kingston.

Junior Bull Calf

1. Stranford's Gold of Chippewa 45184—L. P. Martiny.
2. Wahtawaso's Stranford of Chippewa 45186—L. P. Martiny.
3. Moss Raider's Conqueror of Muskego 42976—Goodhand Kingston.
4. Verena's Dasher of Chippewa—L. P. Martiny.

Aged Cow

1. Wahtawaso of Chippewa 44357—L. P. Martiny.
2. Imp. Chywoone Erica 44537—Goodhand Kingston.

Cow, 3 Years and Under 4

1. Jeanie of Cherry Hill Farm 50646—L. P. Martiny.

Cow, 2 Years and Under 3

1. Stranford's Verena of Chippewa 59145—L. P. Martiny.

Senior Yearling Heifer

1. Raider's Butterwitch of Muskego 62838—Goodhand Kingston.
2. Raider's Irene of Muskego 63451—Goodhand Kingston.

Junior Yearling Heifer

1. Hiawatha of Chippewa 66610—L. P. Martiny.

Senior Heifer Calf

1. Stranford's Dairymaid of Chippewa—L. P. Martiny.
2. Raider's Minnie of Muskego 71723—Goodhand Kingston.
3. Raider's Surprise of Muskego 71724—Goodhand Kingston.

Junior Heifer Calf

1. Rita's Queen of Waukesha 75631—A. W. Fox & Son, Waukesha, Wisconsin.
2. Stranford's Valley Lily of Chippewa 74895—L. P. Martiny.

Senior and Grand Champion Bull

May King's Vrangue of Ingleside 15430—Hill, Welles and Lawson,

Junior Champion Bull

Stranford's Gold of Chippewa 45184—L. P. Martiny.

Senior Champion Female

Wahtawaso of Chippewa 44357—L. P. Martiny.

Junior and Grand Champion Female

Raider's Butterwitch of Muskego 62838—Goodhand Kingston.

Get of Sire

1. L. P. Martiny showing Get of Stranford's Glenwood of Pinehurst 6th 16484.
2. Goodhand Kingston showing Get of Moss Raider of Muskego 28482.

Produce of Cow

1. L. P. Martiny showing Produce of Wahtawaso of Chippewa 44357.
2. Goodhand Kingston showing Produce of Butterwitch of Palm Roy 24045.

Aged Herd

1. L. P. Martiny.

Young Herd

1. Goodhand Kingston.
2. L. P. Martiny.

Guernseys At Minnesota State Fair

(Continued from page 269

PRODUCE OF COW

1. D. D. Tenney.
2. George C. Stone.

YOUNG HERD

1. Jean Du Luth Farm, Inc.
2. George C. Stone.

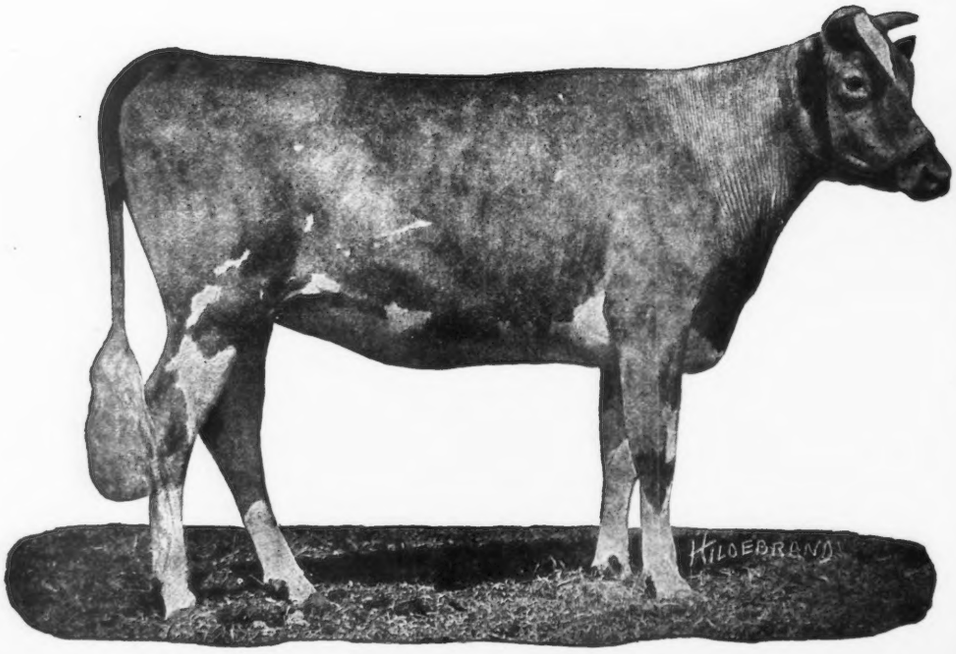
CALF HERD

1. Jean Du Luth Farm, Inc.

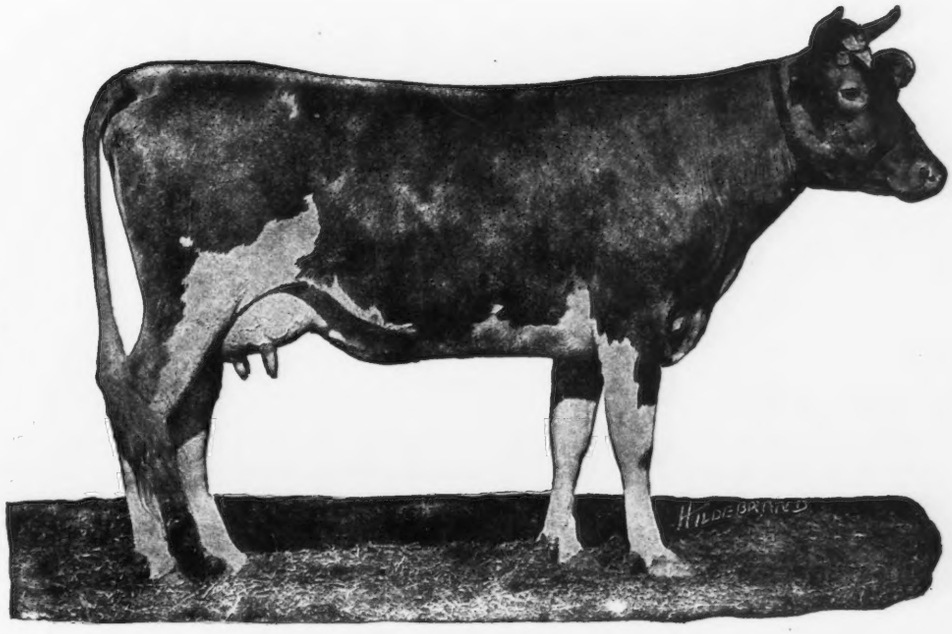
GET OF SIRE

1. Jean Du Luth Farm, Inc.
2. George C. Stone.
3. Chris Skaar.

IMP. CHERRY'S MEMENTO OF IOWA 27562
SIRE—Flora's Raymond 2914 P. S.
DAM—Imp. Hayes Golden Cherry 3d 44965
Owned by W. M. Hurley, Rockland, Massachusetts
Grand Champion Bull, Brockton Fair

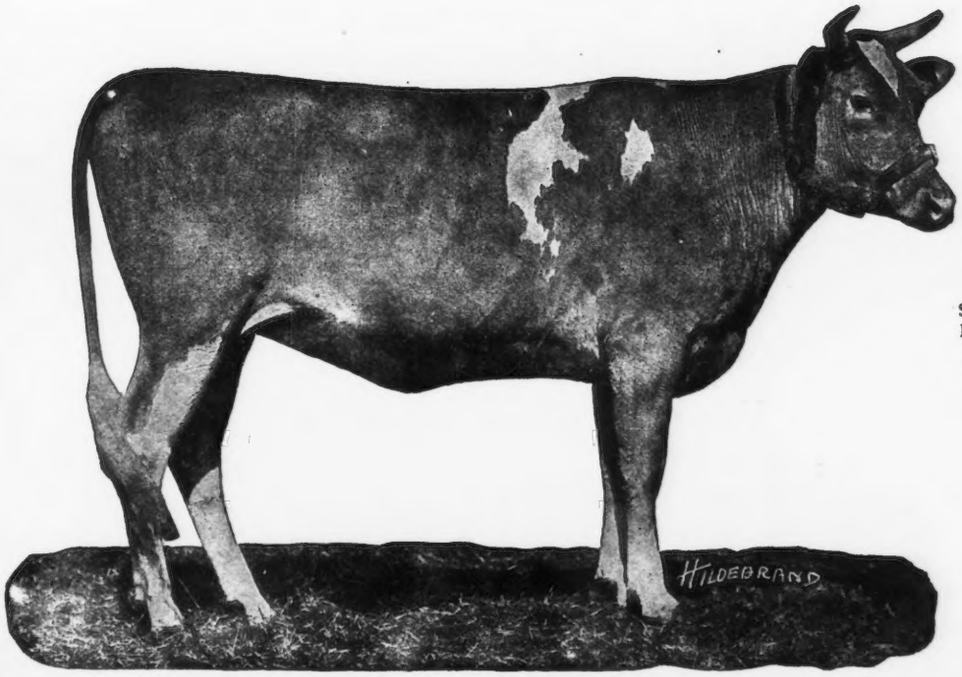


MAR'S BLOSSOM OF THE PRAIRIE 57391
SIRE—Imp. Lord Mar 14359
DAM—Imp. Itchen Pine Blossom 40312
Owned by W. M. Hurley, Rockland, Mass.
Grand Champion Female, Brockton Fair



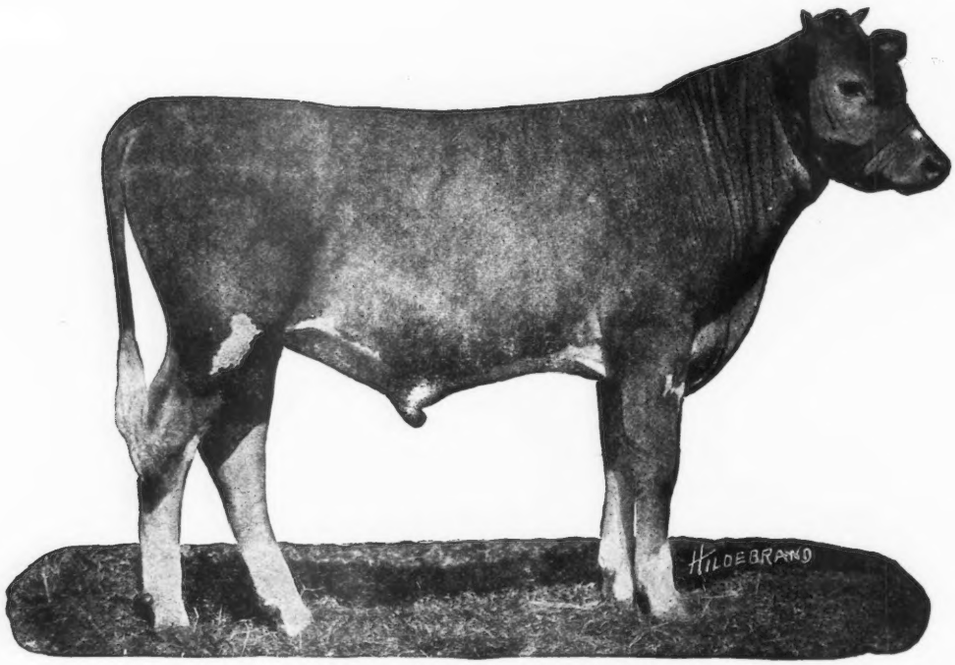
IMP. LISETTE VII. OF THE BOURG DE BAS 61277

SIRE—Imp. Royal Governor of the Gree 28602
DAM—Lissette of the Bourg de Bas 2904 F. S.
Owned by Wm. M Hurley, North Pembroke, Massachusetts
First Prize Three Year Old, Brockton Fair



MEMENTO'S LADY OF THE PRAIRIE 59419

SIRE—Imp. Cherry's Memento ot Iowa 27562
DAM—Imp. Rochampton Governor's Lady 52355
Owned by Wm. M. Hurley, North Pembroke, Massachusetts
First Prize Senior Yearling Heifer, Brockton Fair



INVINCIBLE KING 43474

Sire—Marva's Rose King 22797 Dam—Columbia Victoria 56261

Owned by William M. Hurley, North Pembroke, Massachusetts

FIRST PRIZE SENIOR BULL CALF, BROCTON FAIR

Food Administration Bulletin

DIRTY CREAM CANS WASTE FOOD

Dirty cream cans are food wasters. Butter fat that sticks to their sides doesn't help to feed the allied armies or the women and children at home. Besides the fat actually lost in dirty cans, there is a greater loss through the manufacture of the inferior product that is the result of poor cream. Save fat by cleansing the cream can carefully. It pays, and our soldiers and Allies need the fat.

SKIMMING RICH CREAM SAVES FEED

In skimming a hundred pounds of 35 per cent. cream, fifteen more pounds of skim milk is kept on the farm than when the same amount of 20 per cent. cream is taken. This saving can be accomplished by a turn of the cream screw, and at present feed prices is well worth the effort required. More skim milk on the farms also means more calves raised to furnish meat and milk for all. Milk producers are paid for the butter fat in cream; not for the water and other constituents. This makes it advisable to skim a rich cream, so that as much valuable skim milk as possible may be saved for feeding purposes.

HOW TO PURCHASE FARM SUPPLIES

It has been suggested by transportation experts who are with the Food Administration that, after the harvests are laid by, the farmer make an estimate of the fertilizer, seed, machinery, and the like that he will need for the coming season, and *then place his order.* This will eliminate the failure to receive supplies which resulted last spring on account of car congestion and priority of shipment.

Between March 1 and July 15 of this year the railroads operating in the East and Middle West made a saving of 28,000,000 passenger miles by cutting down on the number of passenger trains. Not counting the saving in labor, this reduction continued throughout the year will mean the saving of 500,000 tons of coal per annum.

From the farmers' standpoint a like saving may be effected in the coming months. All orders for supplies should be placed early. It is also advisable for several farmers in a community to club together in ordering so that each may be loaded to its maximum capacity, and in this manner eliminate transportation waste. By acting on these suggestions supplies will arrive im season so that time, which is so precious during the spring rush, may be saved; and at the same time the crops will have advantage of those things necessary to their successful planting, tending and harvesting. Cars should be loaded and unloaded promptly when placed on the siding. No stumbling blocks should be left in our path of preparation for a bumper crop in 1918.

General

Two Kinds of Cows

There are two kinds of cows on our farms today,
Just two kinds of cows and no more, I say.
Not Jersey or Guernsey, Ayrshire or Holstein,
For it isn't the breed of cows that I mean.

Not the fat, or the lean, or the large, or the small,
Nor the ones that stand in the up-to-date stall.
No, the two kinds of cows on our farms that I mean
Are the cows that lift and the cows that lean.

The lifter is the one that brings large returns,
The leaner costs more for her keep than she earns.
Wherever you go you will find the breeds' masses
Are always divided in just these two classes.

And, strangely enough, you will find, as I've seen,
There are about ten lifters to twenty that lean.
And the dairyman finds by testing and weighing
That these noble lifters do all of the paying.

—FRANK E. ROUNDS

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73471 **Nelly Webster**
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Born April 7, 1917. B. and O.: Fritz Stradtmann, Glencoe, Minn.

73472 **Golden Rod of Olga**
Sire *France's May King* 31553. Dam *Pollyanna of Salem* 42792.
Born Nov. 22, 1916. B. and O.: W. H. Cline, Sunnyside, Wash.

73473 **Creampot's Lilly**
Sire *France's May King* 31553. Dam *Imp. Osceola's Creampot* 54286.
Born Dec. 11, 1916. B. and O.: W. H. Cline, Sunnyside, Wash.

73474 **Dora Clatford**
Sire *Glenchrist of Ashland* 23485. Dam *Imp. Anna Dora* 40648.
Born April 8, 1917. B. and O.: Theodore P. Shonts, Langhorne, Pa.

73475 **Maxim's Miss Purity**
Sire *Glenchrist of Ashland* 23485. Dam *Maxim's Purity of Oak Ridge* 40433.
Born April 23, 1917. B. and O.: Theodore P. Shonts, Langhorne, Pa.

73476 **Blossom of Meadowmere**
Sire *Lad of Birchwood* 30904. Dam *Glenwood's Wild Rose of Lindsey* 53498.
Born Nov. 3, 1916. B. and O.: A. J. Prest, Lindsey, Wis.

73477 **Beauty's Pet of Margaretville**
Sire *John B. of Edgewater* 22818. Dam *Janet's Beauty of Margaretville* 66832.
Born Nov. 19, 1916. B. and O.: Frank Kittle, Margaretville, N. Y.

73478 **Madison Mayflower**
Sire *Tudor of Walnut Glens* 25720. Dam *Imp. Daisy of Linwood* 48064.
Born May 4, 1917. B. and O.: Walter R. Klasen, Madison, Ohio.

73479 **Eula of Cameron**
Sire *Lord's Hillside Prince* 25800. Dam *Yeksa Queen of Cameron* 41849.
Born Nov. 8, 1916. B. and O.: John S. Williams & Sons, Wales, Wis.

73480 **Ella S. of Maple View**
Sire *Ellenwood Count* 19911. Dam *Ella W. of Lakeview 2d* 43152.
Born Nov. 23, 1916. B. and O.: Henry A. Salisbury, Swedesboro, N. J.

73481 **Blanche S. of Clearview 3d**
Sire *Ellenwood Count* 19911. Dam *Blanche S. of Clearview* 54657.
Born Nov. 25, 1916. B. and O.: Henry A. Salisbury, Swedesboro, N. J.

73482 **Roxanne of Rocking Rock**
Sire *Tessie's Scott Farm Lad* 35640. Dam *Betsy Ann of Rocking Rock Farm* 46640.
Born March 5, 1917. B. and O.: Alton R. White, Greensboro, Vt.

73483 **Lilly of Chelsea**
Sire *Junior Guiding Star* 32320. Dam *Clybourn's Lottie of Chelsea* 47749.
Born Nov. 22, 1916. B. and O.: Imbach Bros., Chelsea, Wis.

73484 **Minnie of Chelsea**
Sire *Junior Guiding Star* 32320. Dam *Clybourn's Rosie* 37689.
Born Feb. 4, 1917. B. and O.: Imbach Bros., Chelsea, Wis.

73485 **Lalla's Beauty of Mapledell**
Sire *Dairymaid's Pride of Mapledell* 24424. Dam *Lalla of Waukesha* 24771.
Born Nov. 25, 1916. B. and O.: C. L. Kerr & Son, Manilla, Iowa.

73486 **Dixie Jane of Mapledell**
Sire *Dairymaid's Pride of Mapledell* 24424. Dam *Jane Auburn of Mapledell* 51061.
Born Dec. 26, 1916. B. and O.: C. L. Kerr & Son, Manilla, Iowa.

73487 **Lynbrook Modena's Archeress**
Sire *Modena's Yeoman of Langwater* 10764. Dam *Lynbrook Farm's Archeress* 47566.
Born April 5, 1917. B. and O.: T. P. Lindsay, Southboro, Mass.

73488 **Linden of Hill Top Farm**
Sire *Prince Corinna of Hill Top Farm* 32518. Dam *Duchess of St. Joe Valley* 27964.
Born Nov. 26, 1916. B. and O.: John Van Hesche, South Bend, Ind.

73489 **Star of Thorpe**
Sire *Sultan of Prospect* 16449. Dam *President's Mattie* 40682.
Born Dec. 27, 1916. B. and O.: Olaf Th. Sherping, Fergus Falls, Minn.

73490 **Rose of Thorpe**
Sire *Jack of Thorpe* 29212. Dam *Prim Patti* 41421.
Born Feb. 14, 1917. B. and O.: Olaf Th. Sherping, Fergus Falls, Minn.

73491 **Lady Rose of Maple Hill**
Sire *Rex of Rich Neck* 31472. Dam *Lady of Maple Hill 2d* 56083.
Born Dec. 5, 1916. B. and O.: Fruit Bros., Waukesha, Wis.

73492 **Princess of Maple Hill**
Sire *May King's Vrangue of Ingleside* 15430. Dam *Lady's Lass of Maple Hill* 53123.
Born Dec. 13, 1916. B. and O.: Fruit Bros., Waukesha, Wis.

73493 **Linda of Bellville Farm**
Sire *Surahbi's Choice* 19224. Dam *Minerva of Edgemont's Mabel* 44895.
Born Dec. 8, 1916. B. and O.: William B. Lester, Saint Georges, Del.

73494 **Great Hill's Pansy**
Sire *Great Hill's Golden Secret* 28829. Dam *Violet of Great Hill* 48125.
Born April 27, 1917. B. and O.: Galen L. Stone, Marion, Mass.

73495 **Great Hill's Nellie Tostevin**
Sire *Great Hill's Golden Secret* 28829. Dam *Nellie Tostevin of Mapleton 2d* 26449.
Born April 30, 1917. B. and O.: Galen L. Stone, Marion, Mass.

73496 **Great Hill's Primula**
Sire *Governor of Great Hill* 32896. Dam *Roberts' Primrose* 51150.
Born May 10, 1917. B. and O.: Galen L. Stone, Marion, Mass.

73497 **Ledyard's Missy**
Sire *Roberta's Ledyard Bay* 26531. Dam *Beth of Willowdale* 24151.
Born Jan. 21, 1917. B. and O.: D. R. Butler, Knoxville, Pa.

73498 **Stonehouse Pandora**
Sire *Sir William of Brookmead* 23497. Dam *Marcia of Upton Pyne* 46316.
Born Feb. 18, 1917. B. and O.: Mrs. Francis K. Stevens, Gladstone, N. J.

73499 **Stonehouse Comfort**
Sire *Sir William of Brookmead* 23497. Dam *Bethelan 2d's Second Daughter* 44958.
Born April 1, 1917. B. and O.: Mrs. Francis K. Stevens, Gladstone, N. J.

73500 **Rose of the Otselic**
Sire *Dolly's Roy of Tarbell Farms* 20202. Dam *Ann Grintum* 13922.
Born Oct. 16, 1916. B. and O.: Clayton Dutton, South Otselic, N. Y.

73501 **Lady of Lone Elm Farm**
Sire *Grand Marshall of Sunnyside* 28010. Dam *Lindy's Lucile of Sunny Side* 32549.
Born Nov. 6, 1916. B. and O.: J. M. Kurtz, Harrisonville, Mo.

73502 **Cora of Ore Hill**
Sire *Langwater Frederick* 22268. Dam *Imp. Athena of Ore Hill* 52968.
Born Nov. 11, 1916. B. and O.: Dale E. Rundell, Livingston, Wis.

73503 **Columbine of Ore Hill**
Sire *Langwater Frederick* 22268. Dam *Imp. Adelia of Ore Hill* 52264.
Born Nov. 16, 1916. B. and O.: Dale E. Rundell, Livingston, Wis.

73504 **Lucille Jane**
Sire *Lucille's Glenwood* 26997. Dam *Imp. Jane of the Grée* 58331.
Born Dec. 6, 1916. B.: J. E. Shoup, Marshallville, Ohio. O.: Erwin Bros., North Lawrence, Ohio.

73505 **King's Beauty of Lone Mound**
Sire *King Bell 2d* 22277. Dam *Sequel's Beauty of Willowdale* 34712.
Born Oct. 18, 1916. B. and O.: W. Nicholls, Trempealeau, Wis.

73506 **Harriet of Maple Grove**
Sire *Homestead Foundling* 26674. Dam *Queen Elizabeth of Maple Grove* 24324.
Born April 12, 1915. B. and O.: J. W. Grute, Cochranton, Pa.

73507 **Tricksey's Jedetta of Valley View**
Sire *Jedetta's Glenwood* 12922. Dam *Cloverdale's Regina Tricksey* 14366.
Born Sept. 24, 1911. B. and O.: T. V. Hicks, Battle Creek, Mich.

73508 **Rose's Jewel of Northwood**
Sire *Langwater Jewel* 19229. Dam *Imp. Rose II. of the Echelle* 25572.
Born Dec. 8, 1916. B. and O.: Mortimer L. Schiff, Oyster Bay, N. Y.

73509 **Jethro's Foamdrift of Bosworth Field**
Sire *Jethro's Coniston* 24065. Dam *Foamdrift of Bosworth Field* 43278.
Born March 2, 1915. B. and O.: Charles W. Bosworth, Springfield, Mass.

73510 **Nowaday's Notice**
Sire *Nowaday* 26423. Dam *Notice* 46859.
Born Dec. 29, 1913. B.: James M. Codman, Brookline, Mass. O.: Charles W. Bosworth, Springfield, Mass.

73511 **Squire Paul's Lady Foam of Bosworth Field**
Sire *Nana's Squire* 18208. Dam *Judge Paul's Lady Foam* 38185.
Born Jan. 18, 1914. B. and O.: Charles W. Bosworth, Springfield, Mass.

73512 **Jethro's Twinkle of Bosworth Field**
Sire *Jethro's Coniston* 24065. Dam *Twinkle of Bosworth Field* 43793.
Born April 16, 1914. B. and O.: Charles W. Bosworth, Springfield, Mass.

73513 **Jethro's Honoria Sequel of Bosworth Field**
Sire *Jethro's Coniston* 24065. Dam *Imp. Honoria Sequel* 50452.
Born Aug. 7, 1914. B. and O.: Charles W. Bosworth, Springfield, Mass.

73514 **Jethro's Daisy of Bosworth Field**
Sire *Jethro's Coniston* 24065. Dam *Imp. Garenne's Daisy VII.* 50451.
Born Aug. 27, 1914. B. and O.: Charles W. Bosworth, Springfield, Mass.

73515 **Jethro's Fac-simile of Bosworth Field**
Sire *Jethro's Coniston* 24065. Dam *Imp. Fac-simile III.* 50453.
Born Sept. 18, 1914. B. and O.: Charles W. Bosworth, Springfield, Mass.

73516 **Jethro's Miss Foam of Bosworth Field**
Sire *Jethro's Coniston* 24065. Dam *Glenstay's Miss Foam* 33830.
Born Feb. 15, 1915. B. and O.: Charles W. Bosworth, Springfield, Mass.

73517 **Itchen Raider's Princess of Mapleton**
Sire *Imp. Itchen Gold Raider* 25040. Dam *King's Princess of Rosendale* 42819.
Born April 15, 1917. B.: George B. Tallman, West Grove, Pa. O.: Est. George B. Tallman, West Grove, Pa.

73518 **Sequel King's Dewdrop of Mapleton**
Sire *Sequel King of Maplehurst* 35041. Dam *King's Dewdrop of Maplehurst* 45473.
Born April 20, 1917. B.: George B. Tallman, West Grove, Pa. O.: Est. George B. Tallman, West Grove, Pa.

73519 **MacCulloch's Simone of Elmview**
Sire *MacCulloch's Jewel of Elmview* 30368. Dam *Imp. Simone II. of the Couture* 61263.
Born Jan. 31, 1917. B. and O.: Benjamin H. Throop, Elmhurst, Pa.

73520 **Emblem's Maid of Elmview**
Sire *Imp. Emblem of France* 21186. Dam *Imp. Godolphin Laura* 45897.
Born Feb. 6, 1917. B. and O.: Benjamin H. Throop, Elmhurst, Pa.

73521 **Bridget's Challenge**
Sire *Waukesha's Reputation 2d* 30848. Dam *Bridget's Daughter of Pomeroy* 32498.
Born Oct. 22, 1915. Twin with cow No. 73522. B. and O.: A. L. Butler, Templeton, Wis.

73522 **Bridget's Pride**
Sire *Waukesha's Reputation 2d* 30848. Dam *Bridget's Daughter of Pomeroy* 32498.
Born Oct. 22, 1915. Twin with cow No. 73521. B. and O.: A. L. Butler, Templeton, Wis.

73523 **Rosebud of The Maples**
Sire *Jethro Bass of Grasslands* 23026. Dam *Harriet of Buena Vista Hill Farm* 47366.
Born Nov. 3, 1916. B. and O.: J. F. Miles, East Corinth, Vt.

73524 **Lady Belle Zoe**
Sire *Richmond Cimourdain* 18655. Dam *Betsey Marshall* 26131.
Born Oct.1, 1915. B. and O.: McIntyre Bros., Fort Atkinson, Wis.

73525 **Veda Pride**
Sire *Major Cimourdain* 38276. Dam *Betsey Marshall* 26131.
Born Oct. 22, 1916. B. and O.: McIntyre Bros., Fort Atkinson, Wis.

73526 **Marvel of Idlehurst**
Sire *King May S.* 31106. Dam *Marie of Idlehurst* 33530.
Born March 3, 1917. B. and O.: C. D. Benack, Hayward, Wis.

73527 **Lorna Doone's Thelma**
Sire *Imp. Governor of la Forge* 28636. Dam *Imp. Lorna Doone of the Isle* 50298.
Born Oct. 1, 1916. B. and O.: George H. Weston, Skowhegan, Maine.

73528 **Little May of Oakwood**
Sire *Glencoe's King of Maple Hill* 31076. Dam *Marenda's Golden Empress* 52991.
Born Sept. 30, 1916. B. and O.: M. W. Showers, Mazomanie, Wis.

73529 **Peggie's Miss of Oakwood**
Sire *Glencoe's King of Maple Hill* 31076. Dam *Mambrino's Jessie of Oakwood* 54751.
Born Oct. 14, 1916. B. and O.: M. W. Showers, Mazomanie, Wis.

73530 **Lassie of Riverside 2d**
Sire *Imp. Billy of Lewison* 12971. Dam *Lassie of Riverside* 24141.
Born June 30, 1910. B.: Tobias Sand, Hendricks, Minn. O.: Anton Reinertson, Brandt, S. Dak.

73531 **Billy's Lassie**
Sire *Imp. Billy of Lewison* 12971. Dam *Lassie of Riverside 2d* 73530.
Born June 30, 1912. B. and O.: Anton Reinertson, Brandt, S. Dak.

73532 **Lassie of Riverside 3d**
Sire *Bobetta's Joker* 17373. Dam *Lassie of Riverside* 24141.
Born March 10, 1914. B. and O.: Anton Reinertson, Brandt, S. Dak.

73533 **Billy's Lassie 2d**
Sire *Bobetta's Joker* 17373. Dam *Billy's Lassie* 73531.
Born May 8, 1915. B. and O.: Anton Reinertson, Brandt, S. Dak.

73534 **Lassie of Riverside 4th**
Sire *Robin of Oak Lake* 24782. Dam *Lassie of Riverside* 24141.
Born Oct. 5, 1916. B. and O.: Anton Reinertson, Brandt, S. Dak.

73535 **Robin's Lassie**
Sire *Robin of Oak Lake* 24782. Dam *Lassie of Riverside 2d* 73530.
Born Oct. 15, 1916. B. and O.: Anton Reinertson, Brandt, S. Dak.

73536 **Mary Sybil Topstir**
Sire *Topstir* 19031. Dam *Mary Sybil* 27412.
Born July 25, 1915. B.: H. D. Griswold, West Salem, Wis. O.: Albert Getter & Sons, Viroqua, Wis.

73537 **Cleveland Tostevina**
Sire *Cleveland Bob* 34323. Dam *Cleveland Princess* 57862.
Born Oct. 15, 1916. B. and O.: William Voigt, Cleveland, Wis.

73538 **Countess Romonia**
Sire *Dairymaid's Pride of Mapledell 2d* 32479. Dam *Park Countess* 24023.
Born Oct. 6, 1916. B. and O.: S. D. Williams, Vinton, Iowa.

73539 **Beauty Pearl 2d**
Sire *Dairymaid's Pride of Mapledell 2d* 32479. Dam *Beauty Pearl* 47353.
Born Nov. 4, 1916. B. and O.: S. D. Williams, Vinton, Iowa.

73540 **Vanity's Seth's Jessie**
Sire *Vanity's Lord Mysie of Sitka* 27270. Dam *Seth's Jessie* 29193.
Born Dec. 10, 1916. B. and O.: P. W. Christensen, Clarks Grove, Minn.

73541 **Shamrock's Lilly**
Sire *Follyland Shamrock* 36422. Dam *May R. of Pine Hill Farm* 59511.
Born Jan. 9, 1917. B.: Andrew Shaler, Cambridge, N. Y. O.: John E. Shaler, Cambridge, N. Y.

73542 **Dorothy of Spring Dell**
Sire *Halt's Prince* 23186. Dam *Katydid of Guernsey Dell* 65102.
Born March 19, 1917. B.: A. E. Adams, Plymouth, Ind. O.: White Bros., Laporte, Ind.

73543 **Belvidere's Clover Blossom**
Sire *Alfreda's Coral* 16625. Dam *Belvidere* 30421.
Born Jan. 20, 1917. B. and O.: Herman Staak, Cochrane, Wis.

73544 **V. P. I. Lucy Raymond**
Sire *Raymond's Pal of Lewison* 16796. Dam *Lucy of Elkview* 41385.
Born March 3, 1917. B. and O.: Virginia Polytechnic Institute, Blacksburg, Va.

73545 **Monadnock's Cherry Marshall**
Sire *Nepaul* 23330. Dam *Rival's Monadnock's Buttercup* 34155.
Born Dec. 17, 1914. B.: Lyman Blair, Greenville, Maine. O.: H. G. Staples, Dryden, Maine.

73546 **Sunnybrook Violet**
Sire *Florham Autocrat* 25749. Dam *Vidi of Flora Dale* 25490.
Born April 2, 1917. B. and O.: Charles D. Cleveland, Eatontown, N. J.

73547 **Sunnybrook Double Rose**
Sire *Florham Autocrat* 25749. Dam *Xmas May* 39380.
Born Nov. 10, 1916. B. and O.: Charles D. Cleveland, Eatontown, N. J.

73548 **Sunnybrook Itchen Unique**
Sire *Itchen Daisy's May King of Langwater* 17349. Dam *Sunnybrook Una* 56761.
Born March 1, 1917. B. and O.: Charles D. Cleveland, Eatontown, N. J.

73549 **Whimsome's Dolly Masher**
Sire *Imp. Governor's Whimsome* 26189. Dam *Imp. McKerrow's Dolly Masher* 53175.
Born Sept. 10, 1915. B.: George McKerrow & Sons Co., Pewaukee, Wis. O.: The University of Minnesota, Saint Paul, Minn.

73550 **Katonah's Miss Daphne**
Sire *Imp. Sequel's Monogram* 15649. Dam *Daphne of the Grove* 25716.
Born Oct. 19, 1916. B. and O.: Clarence Whitman, Katonah, N. Y.

73551 **Irene of Springhurst**
Sire *Mabel's Frenchman of Mound City* 31920. Dam *Ivy of Springhurst* 49295.
Born Oct. 9, 1916. B. and O.: E. A. Kinney, Ludington, Mich.

73552 **Dora of Springhurst**
Sire *Mabel's Frenchman of Mound City* 31920. Dam *Dora of Deronda* 41221.
Born Nov. 20, 1916. B. and O.: E. A. Kinney, Ludington, Mich.

73553 **Queen Ann of Springhurst**
Sire *Mabel's Frenchman of Mound City* 31920. Dam *Queen A. of Springhurst* 54663.
Born Feb. 26, 1917. B. and O.: E. A. Kinney, Ludington, Mich.

73554 **Willow of Whitford**
Sire *Willoughby of Pencoyd* 29397. Dam *Fern Wood's Queen* 29796.
Born Dec. 14, 1916. B. and O.: Martha G. Thomas & Anna Thomas Howell, Whitford, Pa.

73555 **Vrangue of Whitford**
Sire *Willoughby of Pencoyd* 29397. Dam *Stella of Whitford* 48865.
Born Dec. 30, 1916. B. and O.: Martha G. Thomas & Anna Thomas Howell, Whitford, Pa.

73556 **Phoebe of Whitford**
Sire *Willoughby of Pencoyd* 29397. Dam *Nordica of Whitford* 42452.
Born Jan. 10, 1917. B. and O.: Martha G. Thomas & Anna Thomas Howell, Whitford, Pa.

73557 **Yeksadoe**
Sire *Yekesa of Sunny Valley* 33504. Dam *Yeksadew Glenwood* 54077.
Born Oct. 21, 1916. B. and O.: Griff R. Jones & Son, Wales, Wis.

73558 **Yekesa's Christine**
Sire *Yekesa of Sunny Valley* 33504. Dam *Walter Sequel's Christine* 54428.
Born Nov. 22, 1916. B. and O.: Griff R. Jones & Son, Wales, Wis.

73559 **April Violet**
Sire *Violet's Pride of Iowa* 20208. Dam *Violet's Desire* 48607.
Born April 13, 1917. B. and O.: Mrs. M. A. Harris, Redwood City, Cal.

73560 **Imp. Alta Lady Orange**
Sire *Goldfinch* (2755 E. G. H. B.) Dam *Imp. England's Lady Orange* 65663.
Born Dec. 22, 1916. Imp. in dam. B.: Col. E. A. Fitzroy, England. O.: Palo Alto Stock Farm, Palo Alto, Cal.

73561 **Alta Dainty Lass**
Sire *Violet's Pride of Iowa* 20208. Dam *Kitchener's Dainty Lass* 37884.
Born Jan. 17, 1917. B. and O.: Palo Alto Stock Farm, Palo Alto, Cal.

73562 **Dairymaid's Molly of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* 28187. Dam *Glenwood's Maid of Fox Valley* 54689.
Born Nov. 10, 1916. B. and O.: C. J. Kuhtz & Sons, Waukesha, Wis.

73563 **Dairymaid's Babe of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* 28187. Dam *Glenwood's Beauty of Fox Valley* 44746.
Born Dec. 10, 1916. B. and O.: C. J. Kuhtz & Sons, Waukesha, Wis.

73564 **Miss Blanche of Rock**
Sire *Emperor of Riverside* 16552. Dam *Blanche of Geneva* 15048.
Born June 11, 1913. B. and O.: John Hetts, Fort Atkinson, Wis.

73565 **Clarendale Sunburst**
Sire *Golden Boy of Lone Pine* 22371. Dam *Sunbeam of Crystal Springs* 46211.
Born Oct. 15, 1916. B. and O.: Ed. A. Knutson, Manitowoc, Wis.

73566 **Lady Betty of Edgemoor**
Sire *Richmond Secret* 26348. Dam *Edgemoor Solina* 53407.
Born Oct. 30, 1916. B. and O.: J. A. McComb, Milton, Wis.

73567 **Lady Clare of Edgemoor**
Sire *Richmond Secret* 26348. Dam *Miss Solina* 35435.
Born Nov. 5, 1916. B. and O.: J. A. McComb, Milton, Wis.

73568 **Pearl's Dora**
Sire *Dora's Boy of Sunny Valley* 24470. Dam *Imp. Pearl of la Hougue* 46410.
Born Dec. 9, 1916. B.: George W. Browne, Waukesha, Wis. O.: J. A. McComb, Milton, Wis.

73569 **Broad Ripple Boy's Fancy**
Sire *Dora's Boy of Sunny Valley* 24470. Dam *Imp. Fancy III. de la Vieille Rue* 35483.
Born Oct. 27, 1916. B. and O.: George W. Browne, Waukesha, Wis.

73570 **Geneva's Queen of Maple Glen**
Sire *Rose's Chief of Maple Glen* 23374. Dam *Geneva of Maple Glen* 44304.
Born Oct. 15, 1916. B. and O.: Nelson Poorbaugh, Mount Pleasant, Pa.

73571 **Chief's May of Maple Glen**
Sire *Rose's Chief of Maple Glen* 23374. Dam *Harley's Miss Dot* 34115.
Born Nov. 12, 1916. B. and O.: Nelson Poorbaugh, Mount Pleasant, Pa.

73572 **Margie of Maple Glen**
Sire *Rose's Chief of Maple Glen* 23374. Dam *Dortanna of Maple Glen* 55906.
Born Nov. 12, 1916. B. and O.: Nelson Poorbaugh, Mount Pleasant, Pa.

73573 **Hillswold Gloria**
Sire *Rameses Hillswold* 34018. Dam *Carwytham Queen* 41121.
Born March 16, 1917. B. and O.: E. E. Hills, Shrewsbury, Mass.

73574 **Susan Ann 2d**
Sire *Manoa 6th* 18585. Dam *Susan Ann* 32665.
Born Oct. 15, 1916. B. and O.: H. K. Wright, Pittstown, N. J.

73575 **Irene's Roxana**
Sire *Old Reliable* 20916. Dam *Belle's Irene* 46379.
Born Dec. 11, 1916. B. and O.: L. E. Scott, Stanley, Wis.

73576 **Toma Clairvoyante of Locust Lawn**
Sire *Toma's May King* 22058. Dam *Imp. Lady Clairvoyante II.* 35204.
Born Oct. 26, 1916. B. and O.: A. S. Graybill, Bird in Hand, Pa.

73577 **Butternut Bessie of Fairlae**
Sire *Bessie's King of the May* 25802. Dam *Pride of Uhlma's Yekstang* 54485.
Born Oct. 28, 1916. B. and O.: Warren A. Gerrits, Waukesha, Wis.

73578 **Ella and Naomi's Rose**
Sire *Naomi's Choice* 22872. Dam *Ella W. and Lord Clare's Choice* 62241.
Born Oct. 24, 1916. B. and O.: W. H. Clark, Bridgeton, N. J.

73579 **Lady Alpha 3d**
Sire *Yeoman's Hardwick of Hazel Hill* 32573. Dam *Lady Alpha* 35129.
Born March 9, 1917. B. and O.: W. A. Barnes, Brink Haven, Ohio.

73580 **Marie Edison**
Sire *Rose's Starlight* 33080. Dam *Dora of Butternut Hill* 53903.
Born July 17, 1916. B.: Arthur P. Edison, Grand Rapids, Mich. O.: Peter Prichard, Reed City, Mich.

73581 **Pride of Bridgewater**
Sire *Jack of Fairdale* 32621. Dam *Pride of Hathaway 2d* 55302.
Born Oct. 28, 1916. B. and O.: R. L. Bush, Montrose, Pa.

73582 **Carmen of Bon Ayre**
Sire *Nixon's Wide Awake* 17818. Dam *Imp. Carmen 2d of Warren Wood* 32434.
Born Sept. 1, 1916. B. and O.: J. C. Bowser, Kittanning, Pa.

73583 **Butler's Princess**
Sire *Butler of Homestead* 21234. Dam *Alma Marie* 37028.
Born May 30, 1916. B. and O.: P. V. Becker, Galesville, Wis.

73584 **Bangs Lily**
Sire *Sir Bangs* 31648. Dam *Thyga's Princess Lily* 56622.
Born Oct. 22, 1916. B.: E. C. Hoff, Holmen, Wis. O.: H. D. Lovejoy, West Salem, Wis.

73585 **Compact's Mayflower of Lickbrook**
Sire *Lily B.s Prince* 16690. Dam *Compact's Mayflower* 50203.
Born Oct. 20, 1916. B.: E. C. Hoff, Holmen, Wis. O.: Alfred I. Stubbs, West Salem, Wis.

73586 **Fantine of Frenchdale**
Sire *Endymion's Farewell* 20400. Dam *Issaqueena* 40829.
Born May 3, 1916. B. and O.: S. C. French, Galesville, Wis.

73587 **Theodore's Louise of White Cottage**
Sire *Buckeye's Theodore* 23700. Dam *Maggie Louise* 53070.
Born Dec. 16, 1916. B. and O.: Edward F. Fassig, Columbus, Ohio.

73588 **Minna of Clover Lawn**
Sire *Glendett of Pinehurst 3d* 19208. Dam *Imp. Milly of Sarnia* 35603.
Born Nov. 17, 1914. B. and O.: Charles E. Wirt, Lewiston, Minn.

73589 **Julia of Lakeview**
Sire *Besom* 13016. Dam *Julia's Daughter* 50076.
Born Nov. 23, 1916. B. and O.: Henry Rozema, Fremont, Mich.

73590 **Queen of Rock River Farms**
Sire *Queen Coraline's Boy* 29826. Dam *Imp. Béchou des Nicolles* 35467.
Born Oct. 26, 1916. B.: D. L. Williams, Waukesha, Wis. O.: Medill McCormick, Byron, Ill.

73591 **Galaxy's Helen of Greenville**
Sire *Galaxy's Beauty* 24488. Dam *Galaxy's Queeny May of Greenville* 57260.
Born Jan. 30, 1917. B. and O.: Will F. Smith, Greenville, Pa.

73592 **Pollyanna of Harmony**
Sire *Knight of the Thistle* 17544. Dam *Dolly of Harmony P.* 24960.
Born Dec. 28, 1916. B. and O.: J. I. Parent, Ballston Spa, N. Y.

73593 **Dorothy of the Mansion**
Sire *Raymond VIII.'s Richmond of Lewison* 21617. Dam *Imp. Crabbe's Lily* 44571.
Born April 4, 1917. B. and O.: F. C. Anderson, Le Raysville, N. Y.

73594 **Gertrude of Okemos**
Sire *Bijou Lad of Halcyon* 17553. Dam *Flossy of Sherwood* 31213.
Born Oct. 20, 1916. B. and O.: M. D. Pickett, Lansing, Mich.

73595 **Woodlawn's Lily**
Sire *May King of Pomeroy 3d* 23223. Dam *Woodlawn's Venus 3d* 38600.
Born Dec. 31, 1916. B.: Samuel E. Ross, Oxford, Pa. O.: Amos W. Sensenich, Lititz, Pa.

73596 **Lillimay of Walnut Lane**
Sire *May Prince of Walnut Grove* 29481. Dam *Edith of Walnut Valley* 59592.
Born Dec. 25, 1916. B. and O.: E. Kirk Brown, Nottingham, Pa.

73597 **Mary Jane of Natoma**
Sire *Doctor of Sarnia* 27514. Dam *Natoma's Lisle's Daisy* 50965.
Born Oct. 16, 1916. B. and O.: Natoma Farm, Hinsdale, Ill.

73598 **Dolly of Mapleside**
Sire *Victor May King* 34506. Dam *Dolly Steiner* 72654.
Born Oct. 9, 1916. B. and O.: Albert Warrington, Salem, Ohio.

73599 **Rose of Doxrud**
Sire *Prince Elderon of Lake View* 20104. Dam *Agnes Fern of Nelsonville* 48997.
Born Sept. 30, 1916. B. and O.: Carl O. Doxrud, Nelsonville, Wis.

73600 **Gilmore's Folly Girl**
Sire *Elnor Jane's Shaddock* 35271. Dam *Lord Butterfield's Folly Girl* 62398.
Born Feb. 20, 1917. B. and O.: Gilmore Bros., Camden, Mich.

73601 **Valley View May King's Glenwood-Ponchez**
Sire *May King Glenwood of Ingleside* 27835. Dam *Glenwood's Ponchez of Valley View* 55760.
Born Oct. 22, 1916. B. and O.: Charles E. Miller, Park Ridge, Ill.

73602 **Darling of Hedgelawn**
Sire *Yeksa's Sequel Lad* 27534. Dam *Violet Darling of Homestead* 24132.
Born Nov. 25, 1916. B. and O.: M. A. Gray, Andover, Ohio.

73603 **Glenwood's Pearl of Taylor**
Sire *Glenwood Boy of Linwood* 33109. Dam *Priscilla of Saradale* 24716.
Born Nov. 4, 1916. B. and O.: James Mulry, Taylor, Wis.

73604 **Dolora of Smallidge Farm**
Sire *Ezalia's May King* 17089. Dam *Loretta's Linda of Eau Claire* 56663.
Born Nov. 30, 1916. B. and O.: E. J. Smallidge, Eau Claire, Mich.

73605 **Fairy's Blossom of Elmhurst**
Sire *Pomeroy* 17147. Dam *Fairy of Overview* 54424.
Born Oct. 29, 1916. B.: M. E. Schwarz, Sparta, Wis. O.: F. H. Marvin, Wilton, Wis.

73606 **Golden Princess of Ralstonhurst**
Sire *Lauriebill of Rosemount* 33313. Dam *Gold Drop of River Dale Farms* 43702.
Born Nov. 3, 1916. B. and O.: W. W. Ralston, Burgettstown, Pa.

73607 **Lillie of Little Rock Farm**
Sire *Amelia's King of Oakwood* 34453. Dam *Jennie Honor Bright* 40840.
Born March 1, 1917. B. and O.: Lewis P. Swoveland, Willshire, Ohio.

73608 **Trimona of Piedmont**
Sire *Sequel's Favorite* 19704. Dam *Trimona* 34020.
Born Dec. 19, 1916. B. and O.: George M. La Monte, Bound Brook, N. J.

73609 **Lida May T.**
Sire *Moorland's Anchor* 27398. Dam *Linda T.* 51812.
Born April 5, 1917. B. and O.: C. J. Thompson, Berlin, Conn.

73610 **Miss Gleam of Maple Divide**
Sire *Beau Regal's Chance* 17428. Dam *Gleam of Bon Ayre* 44697.
Born Dec. 14, 1916. B. and O.: Ernest L. Chatfield, Sharon Center, Ohio.

73611 **Bonita Fillmore**
Sire *Fillmore's Rajah* 38033. Dam *Imp. Bonita II. of les Bordages* 39576.
Born March 21, 1917. B. and O.: Charles H. Jones, Wellesley Farms, Mass.

73612 **Tricksey of Rising Sun**
Sire *Irene's Chief of Pomeroy* 18317. Dam *Dick's Lassie* 49619.
Born Jan. 5, 1917. B. and O.: Samuel Hertel, Van Wert, Ohio.

73613 **Geneva Rose Bud**
Sire *Cottie's Royal Laddie* 29024. Dam *Holly II.'s Fern* 44148.
Born Jan. 20, 1917. B. and O.: Samuel Hertel, Van Wert, Ohio.

73614 **Alice of Rising Sun**
Sire *Cottie's Royal Laddie* 29024. Dam *Princess of Rising Sun* 57660.
Born Feb. 18, 1917. B. and O.: Samuel Hertel, Van Wert, Ohio.

73615 **Dorothy of Rising Sun**
Sire *Cottie's Royal Laddie* 29024. Dam *Olive's Florrie* 46101.
Born March 16, 1917. B. and O.: Samuel Hertel, Van Wert, Ohio.

73616 **Lady Boardman of Edgewood 2d**
Sire *Golden Berkshire* 32039. Dam *Lady Boardman of Edgewood* 56265.
Born Jan. 15, 1917. B. and O.: Levi H. Boardman, Sheffield, Mass.

73617 **Fern Minda of Leeville**
Sire *Governor of Maple Glen* 22478. Dam *Minda of Woodend* 19185.
Born May 29, 1914. B. and O.: Robert J. Lee, Gridley, Ill.

73618 **Minda's Bess of Leeville**
Sire *Governor of Maple Glen* 22478. Dam *Minda of Woodend* 19185.
Born Dec. 1, 1915. B. and O.: Robert J. Lee, Gridley, Ill.

73619 **Unis Ruth**
Sire *Philip of Grafton* 18434. Dam *Yeksa Unis of Fern Ravine* 36011.
Born Nov. 14, 1916. B. and O.: John Clausing, Thiensville, Wis.

73620 **Daisy Golden of Kennedyville**
Sire *May Bird's King of Locust Hill* 27341. Dam *Daisy Billaxy* 55371.
Born March 9, 1917. B. and O.: James W. Urie, Kennedyville, Md.

73621 **Lily of Coeur de Lion**
Sire *Coeur de Lion* 27731. Dam *Easter Lily Maplehurst* 30707.
Born Dec. 22, 1916. B. and O.: Louis Fiedler, Tomah, Wis.

73622 **Lily of Oakgrove**
Sire *Fin of Nelsonville* 35896. Dam *Lucy's Surprise* 60940.
Born Feb. 25, 1917. B. and O.: Martinius Seter, Amherst Junction, Wis.

73623 **Daisy of Clover Daily**
Sire *Wiegert of Cato* 18354. Dam *Rixy of Clover Daily* 62628.
Born April 8, 1917. B. and O.: Fred Thurow, Reedsville, Wis.

73624 **King's Pearl**
Sire *King of the Fountain* 27451. Dam *King's Polly* 48987.
Born July 15, 1915. B.: A. L. Emmons, North Ridgeville, Ohio. O.: Cyrus Hover, Lima, Ohio.

73625 **Goldseeker's Bell**
Sire *Stella's Favorite Goldseeker of A. D. Farm* 35231. Dam *King's Pearl* 73624.
Born May 8, 1917. B. and O.: Cyrus Hover, Lima, Ohio.

73626 **Pergue's Easter Lass**
Sire *Anna Dean Prince* 25752. Dam *Masher's Easter of Pergue* 44836.
Born March 8, 1915. B. and O.: Sass Bros., Streator, Ill.

73627 **N. H. C. Cicero's Queen**
Sire *Freesia's Cicero* 22292. Dam *Sequel's Lady 4th* 40991.
Born Sept. 26, 1914. B. and O.: New Hampshire College, Durham, N. H.

73628 **Countess of Cold Spring**
Sire *Bobereen* 25455. Dam *Queen's Countess* 44591.
Born July 2, 1916. B. and O.: C. E. & L. H. Rockwell, Whitewater, Wis.

73629 **Phyllis's Lois**
Sire *Bobereen* 25455. Dam *Lois's Phyllis* 27025.
Born Nov. 1, 1916. B. and O.: C. E. & L. H. Rockwell, Whitewater, Wis.

73630 **Celena's Thelma**
Sire *Bobereen* 25455. Dam *Celena of Pecks* 27678.
Born Dec. 12, 1916. B. and O.: C. E. & L. H. Rockwell, Whitewater, Wis.

73631 **Violet's Dandy**
Sire *Bobereen* 25455. Dam *Violet of Meadowlands* 35711.
Born Dec. 12, 1916. B. and O.: C. E. & L. H. Rockwell, Whitewater, Wis.

73632 **Fanny New Berlin**
Sire *Burgomaster* 28741. Dam *Lilly New Berlin* 47302.
Born Dec. 24, 1916. B. and O.: H. W. Zimmermann, Wauwatosa, Wis.

73633 **May New Berlin**
Sire *Burgomaster* 28741. Dam *Queen New Berlin* 33272.
Born Jan. 10, 1917. B. and O.: H. W. Zimmermann, Wauwatosa, Wis.

73634 **Jessamine of Allenwood**
Sire *Elsir of Glenburnie* 27424. Dam *Imp. Rochampton Jessamine* 52789.
Born Feb. 18, 1917. B. and O.: C. C. Allen, Kenosha, Wis.

73635 **Allenwood Ladysmith**
Sire *Noble Regent* 31691. Dam *Imp. Ladysmith of Sarnia* 40246.
Born Feb. 19, 1917. B. and O.: C. C. Allen, Kenosha, Wis.

73636 **Noble Regent's Fanny of Allenwood**
Sire *Noble Regent* 31691. Dam *Allenwood Fanny* 42703.
Born March 26, 1917. B. and O.: C. C. Allen, Kenosha, Wis.

73637 **King Regent's Fanny of Allenwood 2d**
Sire *Noble Regent* 31691. Dam *King Regent's Fanny of Allenwood* 58290.
Born April 5, 1917. B. and O.: C. C. Allen, Kenosha, Wis.

73638 **Rosamond's Golden Fern**
Sire *Cora's May King of Chilmark* 23465. Dam *Rosamond Masher of Sunnyside* 40129.
Born June 23, 1915. Twin with bull No. 40426. B. and O.: Ray H. Alexander, Union Springs, N. Y.

73639 **Bessie's Lilian of Sunnyside**
Sire *Bessie's Governor of Sunnyside* 30661. Dam *Lilian Masher of Sunnyside* 54318.
Born Dec. 3, 1916. B. and O.: W. A. Alexander, Union Springs, N. Y.

73640 **Bobby's Hazel of Sunnyside**
Sire *Bobby of Sunnyside* 30464. Dam *Hazel May of Sunnyside* 53293.
Born Dec. 12, 1916. B. and O.: W. A. Alexander, Union Springs, N. Y.

73641 **Violet's Milkmaid of Sunnyside 2d**
Sire *Bessie's Governor of Sunnyside* 30661. Dam *Violet's Milkmaid of Sunnyside* 47595.
Born March 28, 1917. B. and O.: Ray H. Alexander, Union Springs, N. Y.

73642 **Gloria of Oak Hill**
Sire *Langwater Attorney* 31321. Dam *Thea of Oak Hill* 55440.
Born Jan. 12, 1917. B. and O.: J. Amory Haskell, Red Bank, N. J.

73643 **Reaper's Lassie of Oak Hill**
Sire *Oak Hill Reaper* 31783. Dam *Imp. Rose V. of Bickleigh* 51220.
Born March 12, 1917. Twin with bull No. 44387. B. and O.: J. Amory Haskell, Red Bank, N. J.

73644 **Ireapa of Oak Hill**
Sire *Oak Hill Reaper* 31783. Dam *Florham Ivy* 49031.
Born May 8, 1917. B. and O.: J. Amory Haskell, Red Bank, N. J.

73645 **Pride Fynmere**
Sire *Robert of Fynmere* 35979. Dam *Deanie's Flower* 57742.
Born April 22, 1917. B. and O.: James Fenimore Cooper, Cooperstown, N. Y.

73646 **Dairy Maid of Greenmeadows**
Sire *Billy's France of Elkview* 25796. Dam *Genesee of Elkview* 43436.
Born Nov. 15, 1916. B. and O.: J. T. Hastings, Kirkwood, Pa.

73647 **Dorcas of Cherry Farm**
Sire *Johnnie of Cherry Farm* 35778. Dam *Elizabeth of Cherry Farm* 60277.
Born Nov. 16, 1916. B. and O.: P. H. Peterson, Perry, Ohio.

73648 **Melvida of Elder Lawn**
Sire *Dolly's Pride of the Cedars* 35517. Dam *Elvida of Elder Lawn* 55865.
Born March 23, 1917. B. and O.: L. J. Wendt, Waukesha, Wis.

73649 **Lady Elizabeth of Shady Hill**
Sire *Bonnie Fantine's Prize* 29908. Dam *Elizabeth of Prospect* 16082.
Born Nov. 27, 1916. B. and O.: F. H. Williams, Jr., Whitewater, Wis.

73650 **Middledale Jennie's April Rose**
Sire *Imp. Ivy's Masterpiece* 26916. Dam *Jennie's April Rose* 35677.
Born Feb. 18, 1917. B. and O.: Calkins & Riggs, Creswell, Oregon.

73651 **Middledale Golden Maid**
Sire *Langwater Emigrant* 14076. Dam *Margaret Van* 25495.
Born March 10, 1917. B. and O.: Calkins & Riggs, Creswell, Oregon.

73652 **Margaret's Model**
Sire *King's Vanguard* 22719. Dam *Margaret M. of Maple Row* 64230.
Born May 6, 1917. B. and O.: Est. H. E. Taber, Castile, N. Y.

73653 **Octavia T.**
Sire *King's Vanguard* 22719. Dam *Alice T.* 22232.
Born April 10, 1917. B. and O.: Est. H. E. Taber, Castile, N. Y.

73654 **Reservation Bertha**
Sire *Reservation Pioneer* 30421. Dam *Rebecca of Maple Row* 57790.
Born April 11, 1917. B. and O.: Est. H. E. Taber, Castile, N. Y.

73655 **Patsy T.**
Sire *King's Vanguard* 22719. Dam *Portia T.* 47207.
Born April 25, 1917. B. and O.: Est. H. E. Taber, Castile, N. Y.

73656 **Lena of Wayside**
Sire *Yeksa's Sequel Lad* 27534. Dam *Lady Love of Wayside* 57373.
Born Dec. 12, 1916. B. and O.: M. A. Gray, Andover, Ohio.

73657 **Lady of Glencoe**
Sire *Lad of Birchwood* 30904. Dam *Belva Lee* 32354.
Born Jan. 2, 1917. B. and O.: C. E. Blodgett, Marshfield, Wis.

73658 **Lassie of Ty'n-y-Coed**
Sire *Glenwood's Autocrat of Haddon* 26966. Dam *Mignonne of les Simons 2d* 42042.
Born Nov. 9, 1916. B. and O.: Effingham B. Morris, Ardmore, Pa.

73659 **Lady Harriton's Beauty**
Sire *Glenwood's Autocrat of Haddon* 26966. Dam *Lady Harriton* 50579.
Born Dec. 18, 1916. B. and O.: M. M. Vaux, Bryn Mawr, Pa.

73660 **Asteria's Pet**
Sire *Franco M.* 31352. Dam *Asteria M.* 38056.
Born Dec. 21, 1916. B. and O.: F. O. Melvin, Bradford, N. H.

73661 **Falco's Ukiah's Fascination**
Sire *Falco's Ukiah* 28082. Dam *Fascination of Harmony* 35285.
Born Dec. 12, 1916. B. and O.: Warren Burnham, Fort Atkinson, Wis.

73662 **Miriam of Groton Farms**
Sire *Pebbles of the Glen* 30371. Dam *Minerva of Groton Farms* 46398.
Born April 21, 1917. B. and O.: Beekman Winthrop, Westbury, N. Y.

73663 **Cocot's Petite's Mignon**
Sire *Sieg's Kitchener Boy* 30649. Dam *Cocot's Petite* 48606.
Born Feb. 21, 1917. B. and O.: F. A. Zane, Redwood City, Cal.

73664 **Daisy's Queen Esther**
Sire *Jerry of Eastside* 30179. Dam *Lady Esther's Daisy* 41678.
Born Nov. 22, 1916. B. and O.: Robert D. Eddy, Cattaraugus, N. Y.

73665 **Infanta's Red Rose**
Sire *Jerry of Eastside* 30179. Dam *Lady Esther's Infanta* 66138.
Born Feb. 18, 1917. B. and O.: Robert D. Eddy, Cattaraugus, N. Y.

73666 **Fancy Star Beauty**
Sire *King Galaxy of Walter Maple* 23720. Dam *Sally Star* 33859.
Born May 12, 1914. B.: R. & F. Clausing, Port Washington, Wis. O.: Edward E. Clausing, Port Washington, Wis.

73667 **Stella's Butter Cup**
Sire *Philip's O. K.* 12892. Dam *Stella Daisy 2d* 46659.
Born Dec. 18, 1916. B. and O.: Edward E. Clausing, Port Washington, Wis.

73668 **Rosa Linda of Shady Nook**
Sire *Imp. Spotswood Sequel* 9686. Dam *Imp. Primrose of Edgewater* 31891.
Born Nov. 8, 1916. B. and O.: Joseph T. Speer, Garrettsville, Ohio.

73669 **Princess Margaret of Shady Nook**
Sire *Spotswood Sequel 3d* 34017. Dam *Princess Bine of Shady Nook* 54727.
Born Nov. 15, 1916. B. and O.: Joseph T. Speer, Garrettsville, Ohio.

73670 **Nellie of Shady Nook**
Sire *Hero of Shady Nook* 24273. Dam *Primrose Spotswood of Shady Nook* 54728.
Born Feb. 12, 1917. B. and O.: Joseph T. Speer, Garrettsville, Ohio.

73671 **Lady Virginia of Shady Nook**
Sire *Imp. Spotswood Sequel* 9686. Dam *Betsey's Lady* 28308.
Born April 19, 1917. B. and O.: Joseph T. Speer, Garrettsville, Ohio.

73672 **Snowball of Prospect**
Sire *Sir Snowdoun* 19252. Dam *Carmita* 35061.
Born April 13, 1917. B. and O.: W. D. Hoard, Fort Atkinson, Wis.

73673 **Snowdoun's Beauty of Prospect**
Sire *Sir Snowdoun* 19252. Dam *Galaxy's Beauty of Prospect* 43367.
Born April 22, 1917. B. and O.: W. D. Hoard, Fort Atkinson, Wis.

73674 **Lucy of Maricopa**
Sire *Lucinda's Bonnie Boy* 21356. Dam *Woodlawn's Venus 3d* 38600.
Born Dec. 13, 1914. B. and O.: W. B. Coates, Parkesburg, Pa.

73675 **Lucinda W. of Pleasant View**
Sire *Referee of Anna Dean Farm* 30015. Dam *Leila May of Pleasant View* 46502.
Born Dec. 24, 1916. B. and O.: Charles Wollenhaupt, Van Wert, Ohio.

73676 **Pride's Matilda of Pleasant View**
Sire *Referee of Anna Dean Farm* 30015. Dam *Manoa's Pride* 49050.
Born Jan. 22, 1917. B. and O.: Charles Wollenhaupt, Van Wert, Ohio.

73677 **Creamland's Edna**
Sire *Maude's Jupiter* 34885. Dam *Faye's Luella* 57570.
Born Dec. 6, 1916. B. and O.: R. R. Schwartz, Troy Center, Wis.

73678 **Branford May Coamo**
Sire *Florham May King* 30935. Dam *Coamo* 32910.
Born Feb. 10, 1917. B. and O.: M. F. Plant, Groton, Conn.

73679 **Rockingham's Branford Pretty Maid**
Sire *Rockingham* 18120. Dam *Imp. Lord Mar's Pretty Maid* 37273.
Born Feb. 17, 1917. B. and O.: M. F. Plant, Groton, Conn.

73680 **Branford May Dingley**
Sire *Florham May King* 30935. Dam *Imp. Republica of Dingley 9th* 37316.
Born Feb. 19, 1917. B. and O.: M. F. Plant, Groton, Conn.

73681 **Milk Maid of River View**
Sire *Livonia's Millionaire* 18298. Dam *Mollie Parks 2d* 46140.
Born Dec. 12, 1916. B. and O.: F. A. Lindsay, East Barnet, Vt.

73682 **Helene of River View**
Sire *Golden Noble of River View* 31570. Dam *Royal Helene of Valley View* 57617.
Born Feb. 11, 1917. B. and O.: F. A. Lindsay, East Barnet, Vt.

73683 **Butter Lass of River View**
Sire *Golden Noble of River View* 31570. Dam *Leda Canterbury* 35980.
Born Feb. 20, 1917. B. and O.: F. A. Lindsay, East Barnet, Vt.

73684 **Queen Marion of River View**
Sire *Golden Noble of River View* 31570. Dam *Marion of West Glover* 43892.
Born March 31, 1917. B. and O.: F. A. Lindsay, East Barnet, Vt.

73685 **Yellow Rose of Walnut Glens**
Sire *Baubigny's Squire of Keewaydin* 21834. Dam *Allen's Beauty* 31105.
Born Dec. 3, 1916. B. and O.: R. D. Gates, Novelty, Ohio.

73686 **Madge of Walnut Glens**
Sire *Champ of Walnut Glens* 34831. Dam *Beatrice of Walnut Glens 2d* 59488.
Born Feb. 8, 1917. B. and O.: R. D. Gates, Novelty, Ohio.

73687 **Duchess's Lily of Walnut Glens**
Sire *Champ of Walnut Glens* 34831. Dam *Duchess France of Walnut Glens 2d* 59608.
Born April 19, 1917. B. and O.: R. D. Gates, Novelty, Ohio.

73688 **Inwood's Lassie**
Sire *Rouge's Pride* 20075. Dam *Lassie II* 38630.
Born Dec. 31, 1916. B. and O.: N. C. Bahnson, Inwood, Iowa.

73689 **Irena Lady of Inwood**
Sire *Rouge's Pride* 20075. Dam *Surena Bell* 50735.
Born Jan. 7, 1917. B. and O.: N. C. Bahnson, Inwood, Iowa.

73690 **Nell of Astaroth**
Sire *Rouge's Pride* 20075. Dam *Astaroth of Beverly* 38435.
Born March 13, 1917. B. and O.: N. C. Bahnson, Inwood, Iowa.

73691 **Pearl's Beauty of Oak Ridge**
Sire *Companion's Hambro* 32624. Dam *Florence's Pearly of Oak Ridge* 56917.
Born Dec. 14, 1916. B. and O.: J. H. Becker, Fort Atkinson, Wis.

73692 **Hambro's Marilla of Oak Ridge**
Sire *Miss Luetilius's Hambro* 28330. Dam *Marilla of Oak Ridge* 39000.
Born Dec. 16, 1916. B. and O.: J. H. Becker & Son, Fort Atkinson, Wis.

73693 **Norma of Elmwood**
Sire *Golden Secret of Elmwood* 21803. Dam *Naomi of Riverside* 35271.
Born April 8, 1916. B. and O.: A. W. Griswold, Elmwood, N. H.

73694 **Criterion's Lily of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Duvaux Lily V.* 39928.
Born Jan. 16, 1917. B. and O.: Albert G. Buckley, Valley Falls, N. Y.

73695 **Criterion's Buttercup of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Buttercup IV. of Duvallerie* 47913.
Born March 16, 1917. B. and O.: Albert G. Buckley, Valley Falls, N. Y.

73696 **Charline Bennett**
Sire *Golden of Sonnenberg* 28367. Dam *Goldie of Elm Crest* 46127.
Born Oct. 31, 1916. B.: John E. Roberts, Alfred, Maine. O.: Mrs. Elizabeth A. Bennett, Concord, N. H.

73697 **Dora of Atwood's Dairy**
Sire *Jethro's Squire of Maple Ranch* 34213. Dam *Idol's Ellen* 41398.
Born Jan. 7, 1917. B.: Est. John Hopewell, Natick, Mass. O.: C. D. Atwood, Lisbon, N. H.

73698 **Esther of Atwood's Dairy**
Sire *Dairyman of Mixter Farm* 29953. Dam *Gilia* 38228.
Born Jan. 21, 1917. B. and O.: C. D. Atwood, Lisbon, N. H.

73699 **Trudie's Daisy**
Sire *Capricio* 22652. Dam *Trudie of Falmouth* 14387.
Born Feb. 12, 1914. B. and O.: G. R. Whitney, Falmouth, Maine.

73700 **Empress Annie**
Sire *Capricio* 22652. Dam *Dewdrop's Empress* 69069.
Born March 2, 1914. B. and O.: G. R. Whitney, Falmouth, Maine.

73701 **Hazel B. of Falmouth**
Sire *Capricio* 22652. Dam *Dewdrop's Goldenrod* 69070.
Born March 5, 1914. B. and O.: G. R. Whitney, Falmouth, Maine.

73702 **Beaverbrook May Queen**
Sire *Darwin of Tarbell Farms* 28644. Dam *Beaverbrook Lass* 42624.
Born May 1, 1917. B. and O.: H. L. Batterman, Mill Neck, N. Y.

73703 **Imp. Daremere of Sarnia**
Imp. as *Nellie of the Croue* (R. A. A. S. 1647 P. S.)
Sire On Alderney *Nelson of the Cachelière* (R. A. A. S. 174 P. S.)
Dam On Alderney *Queenie of Val Plaisant* (R. A. A. S. 581 F. S.)
Born Oct. 24, 1913. Imp. to New York, April 15, 1917, in S. S. Lancastrian, by Charles L. Hill, Rosendale, Wis. B.: N. Simon, Jr., Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73704 **Imp. Eloquent of Sarnia**
Imp. as *Flora of Les Chevaliers* (R. A. A. S. 1751 P. S.)
Sire *Imp. Alderney Raymond* 26357. Dam On Alderney *Betty I.* (R. A. A. S. 947 P. S.)
Born March 21, 1914. Imp. with No. 73703. B.: C. F. Tourgis, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73705 **Imp. Elaborate of Sarnia**
Imp. as *Daisy of the Old Mill* (R. A. A. S. 1718 P. S.)
Sire *Imp. Alderney Raymond* 26357. Dam On Alderney *Cherry of the Old Mill* (R. A. A. S. 527 F. S.)
Born April 22, 1914. Imp. with No. 73703. B.: W. Burland, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73706 **Imp. Ewarda of Sarnia**
Imp. as *Polly VI. of Balmoral* (R. A. A. S. 1709 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Polly* (R. A. A. S. 480 F. S.)
Born May 20, 1914. Imp. with No. 73703. B.: C. G. Fellows, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73707 **Imp. Elucid of Sarnia**
Imp. as *Fawny III. of Dairy Farm* (R. A. A. S. 1739 P. S.)
Sire On Alderney *Nelson of the Cachelière* (R. A. A. S. 174 P. S.)
Dam On Alderney *Fawny of Dairy Farm* (R. A. A. S. 610 F. S.)
Born June 12, 1914. Imp. with No. 73703. B.: T. W. Shade, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73708 **Imp. Evermore of Sarnia**
Imp. as *Dairymaid V.* (R. A. A. S. 1725 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Dairymaid* (R. A. A. S. 478 F. S.)
Born June 21, 1914. Imp. with No. 73703. B.: C. G. Fellows, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73709 **Imp. Earnest of Sarnia**
Imp. as *Sea Belle V.* (R. A. A. S. 1749 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Sea Belle* (R. A. A. S. 355 F. S.)
Born July 10, 1914. Imp. with No. 73703. B.: N. Simon, Sr., Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73710 **Imp. Efficiency of Sarnia**
Imp. as *Felicité de la Hèche IV.* (R. A. A. S. 1793 P. S.)
Sire On Alderney *Masher of Rose Farm* (R. A. A. S. 75 P. S.)
Dam On Alderney *Felicité de la Hèche* (R. A. A. S. 1066 P. S.)
Born July 26, 1914. Imp. with No. 73703. B.: N. Le Cocq, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73711 **Imp. Eanita of Sarnia**
Imp. as *Ada III. of the Ronde Mâre* (R. A. A. S. 1932 P. S.)
Sire On Alderney *Nelson of the Cachelière* (R. A. A. S. 174 P. S.)
Dam On Alderney *Ada* (R. A. A. S. 999 P. S.)
Born Aug. 25, 1914. Imp. with No. 73703. B.: N. B. Renier, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73712 **Imp. Fuschia of Sarnia**
Imp. as *Rosetta* (R. A. A. S. 1769 P. S.)
Sire On Alderney *Nelson of the Cachelière* (R. A. A. S. 174 P. S.)
Dam On Alderney *Rose II.* (R. A. A. S. 926 P. S.)
Born Aug. 27, 1914. Imp. with No. 73703. B.: N. B. R. Le Cocq, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73713 **Imp. Elspa of Sarnia**
Imp. as *Marion* (R. A. A. S. 1799 P. S.)
Sire On Alderney *Duke of Portland* (R. A. A. S. 143 P. S.)
Dam On Alderney *Daisy of Hauteville* (R. A. A. S. 614 F. S.)
Born Sept. 1, 1914. Imp. with No. 73703. B.: J. Pezet, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73714 **Imp. Elation of Sarnia**
Imp. as *Molly Malone* (R. A. A. S. 1778 P. S.)
Sire On Alderney *Raymond III.* (R. A. A. S. 111 P. S.) Dam On Alderney *Alderney Belle of Val du Sud* (R. A. A. S. 1176 P. S.)
Born Sept. 11, 1914. Imp. with No. 73703. B.: W. Odoire, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73715 **Imp. Emerald of Sarnia**
Imp. as *Nellie I. of Val du Sud* (R. A. A. S. 1795 P. S.)
Sire On Alderney *Raymond III.* (R. A. A. S. 111 P. S.)
Dam On Alderney *Mabel V.* (R. A. A. S. 1315 P. S.)
Born Oct. 16, 1914. Imp. with No. 73703. B.: James G. Odoire, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73716 **Imp. Exact of Sarnia**
Imp. as *Joan of Dairy Farm* (R. A. A. S. 1827 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Jane of Dairy Farm* (R. A. A. S. 1357 P. S.)
Born Nov. 20, 1914. Imp. with No. 73703. B.: T. W. Shade, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73717 **Imp. Elvira of Sarnia**
Imp. as *Nellie VI. of the Ronde Mâre* (R. A. A. S. 1933 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Nellie* (R. A. A. S. 505 F. S.)
Born Dec. 3, 1914. Imp. with No. 73703. B.: N. B. Renier, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

73718 **Imp. Edicule of Sarnia**
Imp. as *Dewdrop II. of La Houguette* (R. G. A. S. 13640 P. S.)
Sire *Imp. Governor of the Vauquiedor* 39925. Dam On Guernsey *Raymond's Dewdrop of La Houguette* (R. G. A. S. 10812 P. S.)
Born Feb. 11, 1914. Imp. to New York, April 15, 1917, in S. S. Lancastrian, by Charles L. Hill, Rosendale, Wis. B.: E. F. J. Torode, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73719 **Imp. Rose III. of the Clôture**
(R. G. A. S. 13587 P. S.)
Sire *Imp. Sailor Boy* 28600. Dam On Guernsey *Rouge IV. of the Clôture* (R. G. A. S. 7820 P. S.)
Born Feb. 15, 1914. Imp. with No. 73718. B.: N. Ogier, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73720 **Imp. Eye Bright of Sarnia**
Imp. as *Honeymoon Souvenir* (R. G. A. S. 13935 P. S.)
Sire *Imp. Sailor Boy* 28600. Dam On Guernsey *Honeymoon XXX.* (R. G. A. S. 10813 P. S.)
Born April 29, 1914. Imp. with No. 73718. B.: J. Lainé, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73721 **Imp. Ernestina of Sarnia**
Imp. as *Rosela of Guilbert* (R. G. A. S. 14112 P. S.)
Sire On Guernsey *Brilliant of the Grée II.* (R. G. A. S. 2944 P. S.)
Dam On Guernsey *Rosy of Guilbert* (R. G. A. S. 2260 F. S.)
Born June 13, 1914. Imp. with No. 73718. B.: N. Bourgaize, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73722 **Imp. Governor of Myrtle Place II.'s Nelly**
Imp. as *Nelly du Moigne II.* (R. G. A. S. 14291 P. S.)
Sire *Imp. Governor of Myrtle Place II.* 40985. Dam On Guernsey *Nelly du Moigne* (R. G. A. S. 4841 F. S.)
Born July 22, 1914. Imp. with No. 73718. B.: W. De La Rue, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73723 **Imp. Echlin of Sarnia**
Imp. as *Deanie's Aranda of the Vauquiedor* (R. G. A. S. 14271 P. S.)
Sire On Guernsey *Deanie's Squire* (R. G. A. S. 2734 P. S.)
Dam On Guernsey *Aranda* (R. G. A. S. 5085 P. S.)
Born July 24, 1914. Imp. with No. 73718. B.: Col. Le Mottée, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73724 **Imp. Elida of Sarnia**
Imp. as *Roselyn III. of Rose Farm* (R. G. A. S. 14267 P. S.)
Sire On Guernsey *Brilliant de la Seigneurie* (R. G. A. S. 3203 P. S.)
Dam On Guernsey *Roselyn of Rose Farm* (R. G. A. S. 2488 F. S.)
Born July 25, 1914. Imp. with No. 73718. B.: J. F. Browning, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73725 **Imp. Etelka of Sarnia**
Imp. as *Stella III. of Mont Val* (R. G. A. S. 14354 P. S.)
Sire On Guernsey *Brilliant of the Grée III.* (R. G. A. S. 3183 P. S.)
Dam On Guernsey *Mont Val Lily II.* (R. G. A. S. 7370 P. S.)
Born July 26, 1914. Imp. with No. 73718. B.: W. Brehaut, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73726 **Imp. Esparia of Sarnia**
Imp. as *St. Catherine's Rose of Devon* (R. G. A. S. 14315 P. S.)
Sire *Imp. Sailor Boy* 28600. Dam On Guernsey *Rose of Devon* (R. G. A. S. 4348 F. S.)
Born Aug. 13, 1914. Imp. with No. 73718. B.: P. C. Robilliard, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73727 **Imp. Ethelia of Sarnia**
Imp. as *Rosebud III. of the Fries* (R. G. A. S. 14487 P. S.)
Sire *Imp. Clara's Sequel* 29414. Dam On Guernsey *Rosebud of the Fries* (R. G. A. S. 5412 P. S.)
Born Sept. 11, 1914. Imp. with No. 73718. B.: H. L. Carré, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73728 **Imp. Cherry of Somerset House**
(R. G. A. S. 14414 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Cherry of Somerset* (R. G. A. S. 4851 F. S.)
Born Sept. 12, 1914. Imp. with No. 73718. B.: Mrs. E. A. Best, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73729 **Imp. Governor of Myrtle Place II.'s Francine**
Imp. as *Francine of King's Mills* (R. G. A. S. 14495 P. S.)
Sire *Imp. Governor of Myrtle Place II.* 40985. Dam On Guernsey *Francine III.* (R. G. A. S. 11411 P. S.)
Born Sept. 28, 1914. Imp. with No. 73718. B.: Est. H. A. Dorey, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73730 **Imp. Ecru of Sarnia**
Imp. as *Mados' Rose* (R. G. A. S. 14543 P. S.)
Sire On Guernsey *Monitor* (R. G. A. S. 3076 P. S.) Dam On Guernsey *Hauteville Rosie IV.* (R. G. A. S. 3697 F. S.)
Born Oct. 9, 1914. Imp. with No. 73718. B.: Hon. C. R. Molesworth, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73731 **Imp. Violet II. of Les Marchez**
(R. G. A. S. 14578 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam On Guernsey *Violet of Les Marchez* (R. G. A. S. 4894 F. S.)
Born Oct. 26, 1914. Imp. with No. 73718. B.: P. J. Le Poidevin, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73732 **Imp. Emmegard of Sarnia**
Imp. as *Millmount's Amelia* (R. G. A. S. 14620 P. S.)
Sire On Guernsey *Gay Boy IV.* (R. G. A. S. 3102 P. S.)
Dam On Guernsey *Amelia of Millmount VI.* (R. G. A. S. 5895 P. S.)
Born Oct. 30, 1914. Imp. with No. 73718. B.: Mrs. J. Le Page, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73733 **Imp. Easy of Sarnia**
Imp. as *Lady Ethel of the Hall* (R. G. A. S. 14609 P. S.)
Sire On Guernsey *Sarnian Gem* (R. G. A. S. 363 F. S.)
Dam On Guernsey *Rosenheim of the Gâchères* (R. G. A. S. 2496 F. S.)
Born Nov. 17, 1914. Imp. with No. 73718. B.: C. A. Carey, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73734 **Imp. Elsia of Sarnia**
Imp. as *Bickleigh Queen III.* (R. G. A. S. 14644 P. S.)
Sire *Imp. The White Knight* 29279. Dam On Guernsey *Grand Fort Queen* (R. G. A. S. 2842 F. S.)
Born Nov. 20, 1914. Imp. with No. 73718. B.: H. Hamley, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73735 **Imp. Elme of Sarnia**
Imp. as *Deanie's Princess of the Vauquiedor* (R. G. A. S. 14611 P. S.)
Sire On Guernsey *Deanie's Squire* (R. G. A. S. 2734 P. S.)
Dam On Guernsey *Princess II. of the Vauquiedor* (R. G. A. S. 9311 P. S.)
Born Nov. 20, 1914. Imp. with No. 73718. B.: Col. J. E. Le Mottée, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73736 **Imp. Smithfield Maria**
(R. G. A. S. 14680 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.) Dam On Guernsey *Bijou de la Croix* (R. G. A. S. 2608 F. S.)
Born Nov. 21, 1914. Imp. with No. 73718. B.: T. Brehaut, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73737 **Imp. Future of Sarnia**
Imp. as *Varclin Clematis* (R. G. A. S. 14755 P. S.)
Sire On Guernsey *Vivandier* (R. G. A. S. 3290 P. S.)
Dam On Guernsey *Milly of the Courtil Ronchin* (R. G. A. S. 3931 F. S.)
Born Dec. 24, 1914. Imp. with No. 73718. B.: W. Crocker, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73738 **Imp. Elca of Sarnia**
Imp. as *Varclin Cineraria* (R. G. A. S. 14756 P. S.)
Sire On Guernsey *Golden Noble of the Bourg* (R. G. A. S. 3283 P. S.)
Dam On Guernsey *Milly II. of the Courtil Ronchin* (R. G. A. S. 3932 F. S.)
Born Dec. 25, 1914. Imp. with No. 73718. B.: W. Crocker, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73739 **Imp. Forevermore of Sarnia**
Imp. as *Amelia's Own of Millmount* (R. G. A. S. 14798 P. S.)
Sire On Guernsey *My Own* (R. G. A. S. 3289 P. S.) Dam On Guernsey *Amelia IV. of Millmount* (R. G. A. S. 5438 P. S.)
Born Jan. 21, 1915. Imp. with No. 73718. B.: Mrs. J. Le Page, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73740 **Imp. Frankness of Sarnia**
Imp. as *Mignonne II. of Le Gron* (R. G. A. S. 14818 P. S.)
Sire On Guernsey *Vivandier* (R. G. A. S. 3290 P. S.) Dam On Guernsey *Mignonne du Gron* (R. G. A. S. 10730 P. S.)
Born Jan. 26, 1915. Imp. with No. 73718. B.: Miss A. Renouf, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73741 **Imp. Governor of Myrtle Place II.'s Desireta**
Imp. as *Elmo's Desireta* (R. G. A. S. 14806 P. S.)
Sire *Imp. Governor of Myrtle Place II.* 40985. Dam On Guernsey *Desireta IV.* (R. G. A. S. 8787 P. S.)
Born Jan. 28, 1915. Imp. with No. 73718. B.: Est. H. A. Dorey, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73742 **Imp. Frances of Sarnia**
Imp. as *Primrose VI. of Le Pont* (R. G. A. S. 14822 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Primrose du Pont* (R. G. A. S. 3529 F. S.)
Born Jan. 28, 1915. Imp. with No. 73718. B.: J. Brehaut, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73743 **Imp. Forget-me-not of Sarnia**
Imp. as *Golden Marvel III. of Ashburton* (R. G. A. S. 14808 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.) Dam On Guernsey *Golden Marvel of Ashburton* (R. G. A. S. 11096 P. S.)
Born Feb. 3, 1915. Imp. with No. 73718. B.: W. H. Foote, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73744 **Imp. Bright Nelly**
(R. G. A. S. 14846 P. S.)
Sire *Imp. Prince of la Croisée* 40950. Dam On Guernsey *Toulouse Maid XII.* (R. G. A. S. 12016 P. S.)
Born Feb. 4, 1915. Imp. with No. 73718. B.: J. A. De Garis, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73745 **Imp. Fussana of Sarnia**
Imp. as *Varclin Orchid* (R. G. A. S. 14858 P. S.)
Sire On Guernsey *Newbury of New Place* (R. G. A. S. 3025 P. S.)
Dam On Guernsey *Brilliante du Clos de la Tour* (R. G. A. S. 3900 F. S.)
Born Feb. 8, 1915. Imp. with No. 73718. B.: P. De Carteret, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73746 **Imp. Lily V. of Melrose**
(R. G. A. S. 14853 P. S.)
Sire On Guernsey *Justinée's Sequel des Ruettes* (R. G. A. S. 3308 P. S.)
Dam On Guernsey *Lily of Melrose* (R. G. A. S. 4379 F. S.)
Born Feb. 10, 1915. Imp. with No. 73718. B.: J. Brehaut, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73747 **Imp. Floria of Sarnia**
Imp. as *Daisy II. of Bickleigh* (R. G. A. S. 14860 P. S.)
Sire *Imp. Squire V. of Bickleigh* 39133. Dam On Guernsey *L'Islet Daisy* (R. G. A. S. 3976 F. S.)
Born Feb. 15, 1915. Imp. with No. 73718. B.: H. Hamley, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73748 **Imp. Four o'Clock of Sarnia**
Imp. as *Beauty V. of La Moinerie* (R. G. A. S. 14864 P. S.)
Sire On Guernsey *Newbury of New Place* (R. G. A. S. 3025 P. S.)
Dam On Guernsey *Beauty of La Moinerie* (R. G. A. S. 3382 F. S.)
Born Feb. 28, 1915. Imp. with No. 73718. B.: H. Baker, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73749 **Imp. Doutta Valentine II. of L'Eclet**
(R. G. A. S. 14893 P. S.)
Sire *Imp. Prince of la Croisée* 40950. Dam On Guernsey *Doutta Valentine of L'Eclet* (R. G. A. S. 5038 F. S.)
Born Feb. 28, 1915. Imp. with No. 73718. B.: G. E. Williams, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73750 **Imp. Fairest of Sarnia**
Imp. as *Lisette of the Fontaines* (R. G. A. S. 14928 P. S.)
Sire *Imp. Governor of the Vauquiedor* 39925. Dam On Guernsey *Flower of Melrose* (R. G. A. S. 3936 F. S.)
Born March 3, 1915. Imp. with No. 73718. B.: N. Brehaut, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73751 **Imp. Fulria of Sarnia**
Imp. as *Duchess of Mt. Plaisant VI.* (R. G. A. S. 14903 P. S.)
Sire On Guernsey *Gay Boy IV.* (R. G. A. S. 3102 P. S.) Dam On Guernsey *Duchess of Mt. Plaisant* (R. G. A. S. 3718 F. S.)
Born March 7, 1915. Imp. with No. 73718. B.: E. F. Falla, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73752 **Imp. Freya of Sarnia**
Imp. as *Lilian of La Palotterie* (R. G. A. S. 14932 P. S.)
Sire On Guernsey *Brilliant of the Grée III.* (R. G. A. S. 3183 P. S.)
Dam On Guernsey *Lily II. of the Palotterie* (R. G. A. S. 8449 P. S.)
Born March 11, 1915. Imp. with No. 73718. B.: J. Langlois, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73753 **Imp. Europena of Sarnia**
Imp. as *Rougette V. of the Marinel* (R. G. A. S. 14934 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Rougette of the Marinel* (R. G. A. S. 4128 F. S.)
Born March 11, 1915. Imp. with No. 73718. B.: James Robilliard, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73754 **Imp. Tesla's Surprise of Vieille Rue**
(R. G. A. S. 14940 P. S.)
Sire On Guernsey *Reamus V.* (R. G. A. S. 3207 P. S.) Dam On Guernsey *Lady Tesla I.* (R. G. A. S. 5671 P. S.)
Born March 15, 1915. Imp. with No. 73718. B.: A. J. Robin, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73755 **Imp. Funny of Sarnia**
Imp. as *Clara II. of La Forge* (R. G. A. S. 15307 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Clara of La Forge* (R. G. A. S. 5047 F. S.)
Born March 21, 1915. Imp. with No. 73718. B.: G. Langlois, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73756 **Imp. Fixed of Sarnia**
Imp. as *Nellie III. of the Prevosts* (R. G. A. S. 14969 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Nellie des Prevosts* (R. G. A. S. 3337 F. S.)
Born March 25, 1915. Imp. with No. 73718. B.: T. Le Patourel, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73757 **Imp. Forenoon of Sarnia**
Imp. as *Fleurie II. of La Pompe* (R. G. A. S. 14952 P. S.)
Sire On Guernsey *Vivandier* (R. G. A. S. 3290 P. S.) Dam On Guernsey *Fleurie de Mouilpied* (R. G. A. S. 4076 F. S.)
Born March 27, 1915. Imp. with No. 73718. B.: J. Martin, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73758 **Imp. Fortuna of Sarnia**
Imp. as *Moss Rose II. of Bourg View* (R. G. A. S. 15095 P. S.)
Sire On Guernsey *Golden Noble of the Bourg* (R. G. A. S. 3283 P. S.)
Dam On Guernsey *Moss Rose of Bourg View* (R. G. A. S. 5053 F. S.)
Born March 29, 1915. Imp. with No. 73718. B.: C. Guilbert, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73759 **Imp. Fyzeida of Sarnia**
Imp. as *Bellona of Clairmont* (R. G. A. S. 14964 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.) Dam On Guernsey *Bella of the Hurel* (R. G. A. S. 4227 F. S.)
Born April 1, 1915. Imp. with No. 73718. B.: A. Le P. Tostevin, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73760 **Imp. Frenchy of Sarnia**
Imp. as *Breban's Rose II.* (R. G. A. S. 15152 P. S.)
Sire *Imp. Rydale of the Douit* 39132. Dam On Guernsey *Breban's Rose* (R. G. A. S. 5054 F. S.)
Born April 1, 1915. Imp. with No. 73718. B.: T. Breban, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73761 **Imp. Fondness of Sarnia**
Imp. as *Daisy's Fancy of Le Pont* (R. G. A. S. 15003 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Daisy du Pont* (R. G. A. S. 2597 F. S.)
Born April 7, 1915. Imp. with No. 73718. B.: J. Brehaut, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73762 **Imp. Frosty of Sarnia**
Imp. as *Rosette's Victory of Vieille Rue* (R. G. A. S. 15068 P. S.)
Sire *Imp. McKerrow's Governor Victor* 30403. Dam On Guernsey *Rosette IV. de la Vieille Rue* (R. G. A. S. 4673 F. S.)
Born April 12, 1915. Imp. with No. 73718. B.: A. J. Robin, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73763 **Imp. Lady Marguerite of the Forgettes**
(R. G. A. S. 15155 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Lady II. of the Forgettes* (R. G. A. S. 5853 P. S.)
Born May 1, 1915. Imp. with No. 73718. B.: P. Le Cheminant, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73764 **Imp. Fraulein of Sarnia**
Imp. as *Lady Flora of the Forgettes* (R. G. A. S. 15156 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Lady Forgette VI.* (R. G. A. S. 9920 P. S.)
Born May 4, 1915. Imp. with No. 73718. B.: P. Le Cheminant, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73765 **Imp. Flora of Sarnia**
Imp. as *Dandy Duchess* (R. G. A. S. 15114 P. S.)
Sire On Guernsey *Justinée's Kieora* (R. G. A. S. 3239 P. S.) Dam On Guernsey *Lady Vesta III.* (R. G. A. S. 12049 P. S.)
Born May 24, 1915. Imp. with No. 73718. B.: J. E. Le Page, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73766 **Imp. Favorite of Sarnia**
Imp. as *Blucher of Bourg View* (R. G. A. S. 15118 P. S.)
Sire On Guernsey *Golden Noble of the Bourg* (R. G. A. S. 3283 P. S.)
Dam On Guernsey *Blucher of Coin Colin* (R. G. A. S. 12718 P. S.)
Born May 26, 1915. Imp. with No. 73718. B.: C. Guilbert, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73767 **Imp. Formal of Sarnia**
Imp. as *Lila of Corbinez* (R. G. A. S. 15258 P. S.)
Sire On Guernsey *Lord Bel Air VI.* (R. G. A. S. 3077 P. S.) Dam On Guernsey *Violet VI. of Corbinez* (R. G. A. S. 10147 P. S.)
Born June 5, 1915. Imp. with No. 73718. B.: J. Bourgaize, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73768 **Imp. Fantastic of Sarnia**
Imp. as *Source d'Or IV.* (R. G. A. S. 15243 P. S.)
Sire *Imp. Honoria's Sequel II.* 40668. Dam On Guernsey *Source d'Or* (R. G. A. S. 7525 P. S.)
Born June 20, 1915. Imp. with No. 73718. B.: H. L. Carré, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73769 **Imp. Flux of Sarnia**
Imp. as *Daisy of les Piece Nez VI.* (R. G. A. S. 15330 P. S.)
Sire On Guernsey *Desire* (R. G. A. S. 3341 P. S.) Dam On Guernsey *Daisy of les Piece Nez* (R. G. A. S. 4438 F. S.)
Born June 26, 1915. Imp. with No. 73718. B.: J. Le Prevost, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73770 **Imp. Flax of Sarnia**
Imp. as *Agamede II. of Saumarez Lodge* (R. G. A. S. 15405 P. S.)
Sire On Guernsey *Monarch of the Hougue* (R. G. A. S. 3396 P. S.)
Dam On Guernsey *Agamede of Saumarez Lodge* (R. G. A. S. 4904 F. S.)
Born Aug. 4, 1915. Imp. with No. 73718. B.: M. Harding, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73771 **Imp. Friend of Sarnia**
Imp. as *Beauty's Blonde of the Forgettes* (R. G. A. S. 15598 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Beauty II. of the Forgettes* (R. G. A. S. 5780 P. S.)
Born Oct. 8, 1915. Imp. with No. 73718. B.: P. Le Cheminant, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

73772 **Hambro's Busy Rose**
Sire *Langwater Hambro* 21011. Dam *Raymond's Busy Bee of Appleton* 43240.
Born July 20, 1914. B. and O.: Ralph Tratt, Whitewater, Wis.

73773 **Tostevina's Gladys**
Sire *Hudson of La Grange* 23203. Dam *Tostevina of La Grange* 53674.
Born May 27, 1915. B. and O.: C. B. Dulaney, Ruckersville, Va.

73774 **Primus of Riverside**
Sire *Hillside Beauty's Lancer* 24524. Dam *Mary Allen of La Grange* 47536.
Born April 3, 1916. B. and O.: S. J. Showalter, Waynesboro, Va.

73775 **Jessina**
Sire *Golden King of Grenwode* 36396. Dam *Imp. Jessy Rose of the Poidevins* 28568.
Born Jan. 16, 1917. B. and O.: W. H. Hovener, Grafton, Wis.

73776 **Silverwood's Peggy**
Sire *Triple Rose* 19732. Dam *Mollie Hastings* 21490.
Born May 23, 1916. B. and O.: S. H. Fessenden, Holliston, Mass.

73777 **Daughter of Fairview's Lady**
Sire *Beauty of Arcady's King* 31912. Dam *Her Majesty's Daughter of Fairview* 47219.
Born Nov. 25, 1916. B. and O.: F. B. Woodard, Bloomer, Wis.

73778 **Celosia's Rilma Girl**
Sire *Bob Rilma's Monogram* 29095. Dam *Celosia Glenwood* 43899.
Born April 7, 1917. B. and O.: Mrs. Eri H. Lewis, Whitewater, Wis.

73779 **Imp. Daisy II. of Les Jetteries**
(R. G. A. S. 12825 P. S.)
Sire On Guernsey *Sir Raymond of la Hougue* (R. G. A. S. 2826 P. S.)
Dam On Guernsey *Daisy of Les Jetteries* (R. G. A. S. 4536 F. S.)
Born May 21, 1913. Imp. to New York, Apr. 7, 1914, in S. S. Minnewaska, by W. Biddick, Menomonie, Wis. B.: Isaac T. Nicolle, Island of Guernsey. O.: W. Biddick, Menomonie, Wis.

73780 **Imp. King's Rona II.**
(R. G. A. S. 12920 P. S.)
Sire *Imp. Raymond's Pearl King* 24301. Dam On Guernsey *White Face I.* (R. G. A. S. 6541 P. S.)
Born June 18, 1913. Imp. with No. 73779. B.: Henry King, Island of Guernsey. O.: W. Biddick, Menomonie, Wis.

73781 **Imp. Myra of Oakley**
Imp. as *Myra II.* (R. G. A. S. 13022 P. S.)
Sire On Guernsey *Gay Lad's Hero* (R. G. A. S. 2514 P. S.) Dam On Guernsey *Rougette of the Landes Villa* (R. G. A. S. 3205 F. S.)
Born July 15, 1913. Imp. with No. 73779. B.: Henry King, Island of Guernsey. O.: W. Biddick, Menomonie, Wis.

73782 **Imp. Winnie Blanch**
(R. G. A. S. 13377 P. S.)
Sire On Guernsey *Prince of les Merriennes* (R. G. A. S. 2527 P. S.)
Dam On Guernsey *Winnie of Blanche Pierre* (R. G. A. S. 3993 F. S.)
Born Oct. 27, 1913. Imp. with No. 73779. B.: F. Demoy, Island of Guernsey. O.: W. Biddick, Menomonie, Wis.

73783 **Golden Queen of Mt. Peerless**
Sire *Rival's Glenwater of Dellwood* 27932. Dam *Duke's Nell Beverly* 29782.
Born Dec. 20, 1916. B. and O.: M. L. Reed, Coal Valley, Pa.

73784 **Jessie of Whitford**
Sire *Nord of Pencoyd* 14428. Dam *Topsy's Fern Wood 3d* 29802.
Born March 25, 1914. B. and O.: Martha G. Thomas & Anna Thomas Howell, Whitford, Pa.

73785 **Betty of Whitford**
Sire *Auric Glenwood* 21402. Dam *Roberta of Whitford* 56954.
Born Dec. 3, 1914. B. and O.: Lardner Howell, Whitford, Pa.

73786 **Twin Lila**
Sire *Plato of Jesup* 31970. Dam *Lila of Pine Hill 2d* 17764.
Born Oct. 28, 1916. Twin with cow No. 73787. B. and O.: Haskell Institute, Lawrence, Kansas.

73787 **Twin Beauty**
Sire *Plato of Jesup* 31970. Dam *Lila of Pine Hill 2d* 17764.
Born Oct. 28, 1916. Twin with cow No. 73786. B. and O.: Haskell Institute, Lawrence, Kansas.

73788 **Beauty's Ideal**
Sire *Golden Triumph* 23892. Dam *Olympia Beauty* 39912.
Born Nov. 20, 1916. B. and O.: Guernsey K. Chaplin, Seattle, Wash.

73789 **Diana of Fern Crest**
Sire *Prince Garbutt* 17454. Dam *Hallie Charmonte of Ferncrest* 70573.
Born Dec. 12, 1914. B. and O.: William Rawlings, Sandersville, Ga.

73790 **Constance of Fern Crest**
Sire *Prince Garbutt* 17454. Dam *Hallie Charmonte of Ferncrest* 70573.
Born Nov. 28, 1915. B. and O.: William Rawlings, Sandersville, Ga.

73791 **Fannie May of Fern Crest**
Sire *Aimable of the Isle 5th* 32921. Dam *Lena of La Grange* 40062.
Born Oct. 20, 1916. B.: W. A. Daniel, Tennille, Ga. O.: Sam H. Sherard, Sandersville, Ga.

73792 **Mary of Mapleton's Mary**
Sire *Duke of Highway* 15055. Dam *Mary of Mapleton* 24645.
Born Nov. 2, 1916. B. and O.: Est. J. C. Miller, Hanover, Pa.

73793 **Gemsey's Helen of Burkeville**
Sire *Aimable of the Isle 2d* 32918. Dam *Helen of Oak Ridge* 47644.
Born Oct. 14, 1916. B. and O.: Boswell & Ingham, Burkeville, Va.

73794 **Lamar's Cactus Blossom**
Sire *Lamar of Linn* 20268. Dam *Pilot's Mischief of Briar Rose* 49689.
Born Oct. 24, 1916. B. and O.: George W. Peterson, Mesa, Ariz.

73795 **Dawn's Princess**
Sire *Eltha's Princeling* 24280. Dam *Dawn's Bryan Maid* 30961.
Born March 22, 1917. B. and O.: H. M. Coleman, Barron, Wis.

73796 **Princess of Outlook Hill**
Sire *Daisy Mahy's King* 22148. Dam *Dolsey 5th's Belle* 34691.
Born Nov. 30, 1916. B. and O.: Albert Halvorson, Rice Lake, Wis.

73797 **Minnie Belle of Maplewood 2d's Rosetta**
Sire *Chesterland Prince* 29401. Dam *Minnie Belle of Maplewood 2d* 67775.
Born March 3, 1917. B. and O.: A. D. Carroll, Chardon, Ohio.

73798 **Gravel Ridge Farm Minnie**
Sire *Duke Connaught* 21257. Dam *Golda M.* 16358.
Born Oct. 23, 1916. B. and O.: Frank Norman, Helenville, Wis.

73799 **Bel's Jewel**
Sire *Randolph King* 34393. Dam *Minnie Bel* 17383.
Born March 22, 1916. B. and O.: P. M. Crawford, Columbiana, Ohio.

73800 **Vivette's Glenwood**
Sire *Yeksa's Donald* 14500. Dam *Fantine's Vivette* 45160.
Born March 11, 1915. B. and O.: Otto R. Lieber, Indianapolis, Ind.

73801 **Yeksa's Glenwood of Wiscinda Farm**
Sire *Yeksa's Donald* 14500. Dam *Fantine's Vivette* 45160.
Born March 20, 1917. B. and O.: Otto R. Lieber, Indianapolis, Ind.

73802 **Irene's Chokecherry**
Sire *Pride of Homa Della* 25503. Dam *Sea Belle's Lassie* 42903.
Born Feb. 16, 1917. B.: Noah Rediger, Milford, Nebr. O.: August Ingold, Milford, Nebr.

73803 **Butter King's Rosie**
Sire *Galaxy's Butter King* 20753. Dam *Galaxy's Rosie* 49240.
Born April 25, 1917. B. and O.: John Stambaugh, Youngstown, Ohio.

73804 **Lady Sair of Rudgate**
Sire *Halcyon Star* 17552. Dam *Standard's Stranford Derinna* 44228.
Born Feb. 19, 1917. B. and O.: R. B. Jackson, Birmingham, Mich.

73805 **Louisa of Shady Side**
Sire *C. Q. D.* 15156. Dam *Queen's Sequel* 37583.
Born July 5, 1916. B.: H. W. Wigman, Lansing, Mich. O.: J. W. Rice, Harmonsburg, Pa.

73806 **Rosemary Glenwood**
Sire *Rose of Centreville* 14681. Dam *Louise Glenwood of Walter Maple* 53512.
Born March 29, 1917. B. and O.: Frederick D. Countiss, Lake Geneva, Wis.

73807 **Maple Glen Catherine**
Sire *Peter the Great of Maple Glen* 30994. Dam *Clarice of East View* 60040.
Born April 22, 1917. B. and O.: Parker & Coggshall, Moravia, N. Y.

73808 **Merrie Lassie's Katharine**
Sire *Knight of Kingston* 24852. Dam *Alta Crest Merrie Lassie* 26961.
Born Nov. 8, 1916. B.: Irving R. Sherman, Wickford, R. I. O.: Edwin A. Burlingame, East Greenwich, R. I.

73809 **Verna Dale of West Lawn**
Sire *Prince Reo of West Lawn* 25435. Dam *Loma Linda of West Lawn* 45373.
Born Dec. 30, 1916. B. and O.: J. D. Beck, Viroqua, Wis.

73810 **Naomi Trink of West Lawn**
Sire *Prince Reo of West Lawn* 25435. Dam *Princess Goldie of West Lawn* 46044.
Born Jan. 8, 1917. B. and O.: J. D. Beck, Viroqua, Wis.

73811 **Viroqua's Jewel**
Sire *Duke Vernon of West Lawn* 30893. Dam *Viroqua Girl of West Lawn* 59385.
Born Jan. 15, 1917. B. and O.: J. D. Beck, Viroqua, Wis.

73812 **Rosalinda Glenwood**
Sire *Glenwood's Masterpiece* 37784. Dam *Rosie's Erna* 56410.
Born Nov. 5, 1916. B. and O.: Schmit Bros., Eau Claire, Wis.

73813 **Aieda Girl of Willowbrook**
Sire *Billy Sunday* 20177. Dam *Princess Yetive* 45615.
Born Nov. 14, 1916. B. and O.: Calvin Bros., Calcutta, Ohio.

73814 **Sussie of Lake**
Sire *Tasker of Comodale* 27444. Dam *Suzanne of Trianon* 28682.
Born Nov. 28, 1916. B.: John Uno Sebenius, Duluth, Minn. O.: Christ Jensen, Two Harbors, Minn.

73815 **Sunbeam's Pet**
Sire *Imp. Eldon of Sarnia* 30943. Dam *Hermione's Sunbeam* 54827.
Born Nov. 12, 1916. B. and O.: Irving E. Daggett, Omro, Wis.

73816 **Pandora's Perfection**
Sire *Perfection Boy of Haddon* 29443. Dam *Pandora of Hillside* 43482.
Born Nov. 22, 1916. B. and O.: Est. Joseph Evans, Marlton, N. J.

73817 **Honey Girl of Oakwood's Lady**
Sire *Molly's Jim* 30003. Dam *Honey Girl of Oakwood* 54047.
Born Dec. 31, 1916. B. and O.: Harry H. Johnson, Shreve, Ohio.

73818 **Iowana 4th**
Sire *St. Austell May King* 29199. Dam *Iowana* 44800.
Born April 9, 1917. B. and O.: C. R. Musser, Muscatine, Iowa.

73819 **Crest Elizabeth**
Sire *King Chêne of Chilmark* 25599. Dam *Hester Geneva* 54521.
Born Nov. 23, 1916. B. and O.: James A. Fletcher, Grove City, Ohio.

73820 **Adora's Alfreda**
Sire *Lord's Count* 19089. Dam *Imp. Adora of Linwood* 48051.
Born Dec. 6, 1916. Twin with cow No. 73821. B. and O.: Alfred C. Kittleson, Elkhorn, Wis.

73821 **Adora's Charlotte**
Sire *Lord's Count* 19089. Dam *Imp. Adora of Linwood* 48051.
Born Dec. 6, 1916. Twin with cow No. 73820. B. and O.: Alfred C. Kittleson, Elkhorn, Wis.

73822 **Hope's Belle**
Sire *Hope of Fairy Glen* 33241. Dam *La Belle Venus* 37167.
Born Nov. 28, 1916. B. and O.: William Zastrow, Nashotah, Wis.

73823 **Fern of Rose Hill**
Sire *Enoch of Edgewood Farm* 24247. Dam *Halt's Mary* 51066.
Born Dec. 10, 1916. B. and O.: George E. Halt, Plymouth, Ind.

73824 **Gersophie of Miller Hill**
Sire *Count Gerauld of Miller Hill* 30800. Dam *Thirty Thousand Six Hundred Fifty One* 30651.
Born March 3, 1917. B. and O.: John P. Reynolds, Holliston, Mass.

73825 **Duke's Pearl**
Sire *Lord's Golden Duke* 19085. Dam *Glenwood's Beautiful Pearl* 50736.
Born Jan. 1, 1917. B. and O.: George Einfeldt, Greenwood, Wis.

73826 **Duke's Patsy**
Sire *Lord's Golden Duke* 19085. Dam *Scintilla's Pride* 42222.
Born March 17, 1917. B. and O.: George Einfeldt, Greenwood, Wis.

73827 **Lone Pine Daisiana**
Sire *Imp. Gay Boy of the Isle* 16998. Dam *Imp. Daisy des Paysans* 31941.
Born Feb. 15, 1917. B. and O.: F. D. Stout, Angus, Wis.

73828 **Fanny of Reiber Farm**
Sire *Fanny's Raymond* 23074. Dam *Raymond's Daisy Atlantis* 45121.
Born Jan. 8, 1917. B. and O.: Howard Reiber, Butler, Pa.

73829 **Fernbrook May Rose**
Sire *Follyland Lord Azucena* 34358. Dam *John Q.'s May Rose* 57550.
Born April 16, 1917. B. and O.: Henry M. Sage, Albany, N. Y.

73830 **Miss Dilma**
Sire *Major Rilma* 18791. Dam *Coral's Morn* 29036.
Born Jan. 17, 1914. B. and O.: Malin Bros., Genoa, Wis.

73831 **Modèle II.'s Modèle**
Sire *Pilot of the Glen* 18006. Dam *Imp. Modèle II.* 26703.
Born Dec. 1, 1916. B. and O.: E. E. Lehmann, Lake Villa, Ill.

73832 **Lillie Rosalie of the Cedars**
Sire *Glenwood's Boy of the Cedars* 28261. Dam *Violet May* 46042.
Born Oct. 1, 1916. B. and O.: Lindley C. Murray, North East, Md.

73833 **Mary Buzz of Auburn**
Sire *Langwater Royal 4th* 19331. Dam *Auburn Sourceful* 52808.
Born Sept. 17, 1915. B. and O.: H. D. Parker, Greeley, Colo.

73834 **Maud of Colorado**
Sire *Adieno's May King* 26319. Dam *Maud of Edgewater* 40278.
Born Oct. 10, 1916. B. and O.: C. L. Vollmar, Platteville, Colo.

73835 **Fairleigh Rosette**
Sire *Orlando of Tarbell Farms* 28643. Dam *Imp. Douit Rose II.* 47912.
Born April 9, 1917. B. and O.: George S. Brewster, Oyster Bay, N. Y.

73836 **Fairleigh Dorcilla**
Sire *Orlando of Tarbell Farms* 28643. Dam *Imp. Dorcas IV. of the Ivy Gate* 47907.
Born April 11, 1917. B. and O.: George S. Brewster, Oyster Bay, N. Y.

73837 **Dairy Girl of Thorn Hill**
Sire *Dairymaid's Rouge of Iowa* 24845. Dam *Imp. Dairy Maid II. of the Duvaux* 28572.
Born Dec. 2, 1916. B. and O.: August Ziesing, Deerfield, Ill.

73838 **Cremo of Hilly Beach**
Sire *Allstar* 25956. Dam *Vroni of Hilly Beach* 41357.
Born Feb. 25, 1917. B. and O.: H. Riedeburg, Hartland, Wis.

73839 **Park's Pinecliff Rosie of Kodan**
Sire *Park's Yeksa Jethro* 32640. Dam *Park's Pinecliff Beauty* 70323.
Born Nov. 24, 1916. B.: John H. Williams, Waukesha, Wis. O.: Jacob J. Blahnik, Algoma, Wis.

73840 **Gypsy's Pride of Riverdale**
Sire *Gypsy Boy of Riverdale* 36939. Dam *Lady Spot of Riverdale* 69990.
Born Nov. 10, 1916. B. and O.: N. W. Chapman, North Springfield, Vt.

73841 **Myrtle's Queen of Riverdale**
Sire *Raymond of Wallum Farm* 31511. Dam *Myrtle of Riverdale* 69991.
Born Nov. 10, 1916. B. and O.: N. W. Chapman, North Springfield, Vt.

73842 **Lassie Hawthorn of Maplehurst**
Sire *Poppy Boy of Sunnyside* 23640. Dam *Princess Rosendale of Hawthorn* 20661.
Born Dec. 7, 1916. B. and O.: Joseph Wyant, Ensenore, N. Y.

73843 **Glenwood Girl's Bonnie Dimple**
Sire *King of the May's Rose Bud* 35999. Dam *Dolly Dimple's Glenwood Girl* 57427.
Born March 6, 1917. B.: Robert Gould Shaw, 2d, Newton Center, Mass. O.: Laurence W. Mann, Athol, Mass.

73844 **Unison's Bloss of Mapleview Farm**
Sire *Unison of Chestnut Hill* 15821. Dam *Bessie Hopeful* 30756.
Born Dec. 12, 1916. B. and O.: C. A. Hayden, Monongahela, Pa.

73845 **Murne's Laddie's Queen of Mapleview Farm**
Sire *Murne's Marshall's Laddie* 34656. Dam *Marshall's Maria* 56471.
Born Dec. 28, 1916. B. and O.: C. A. Hayden, Monongahela, Pa.

73846 **Josephine of Atkinson**
Sire *Loyal Julian of Island Farm* 29263. Dam *Loraine of Valley View* 46157.
Born Jan. 20, 1917. B. and O.: Curtis & Knilans, Fort Atkinson, Wis.

73847 **Loyal Julian's Francesca**
Sire *Loyal Julian of Island Farm* 29263. Dam *Natty's Maud Atkinson* 59220.
Born April 20, 1917. B. and O.: Curtis & Knilans, Fort Atkinson, Wis.

73848 **Arline of Robindale**
Sire *Yeoman's King of the May* 17053. Dam *Chief's Gipsy* 48386.
Born March 23, 1917. B. and O.: J. R. Clancy, Syracuse, N. Y.

73849 **Jonquil of Bowood**
Sire *Imp. Beda's May Day* 34995. Dam *Florham Fashion* 49028.
Born March 28, 1917. B. and O.: L. F. Loree, West Orange, N. J.

73850 **Violet of Ballard Farm**
Sire *St. Austell Prince Charming* 34670. Dam *Mattie of Windermere* 57674.
Born Dec. 1, 1916. B. and O.: Ballard Bros., Niles, Mich.

37851 **Pansy of Ballard Farm**
Sire *St. Austell Prince Charming* 34670. Dam *Dolly Dimple of Coloma 2d* 58315.
Born Dec. 3, 1916. B. and O.: Ballard Bros., Niles, Mich.

73852 **Bonita's Bonnie of Hill Girt**
Sire *Imp. Beda's May Day* 34995. Dam *Imp. Bonita of the Isle* 52965.
Born Feb. 9, 1917. B.: J. L. Hope, Madison, N. J. O.: H. G. Haskell, Wilmington, Del.

73853 **Bunny of Lonsdale**
Sire *Joe Armstrong* 17644. Dam *Bubbles of Lonsdale* 53195.
Born Nov. 24, 1916. B. and O.: E. T. Stewart, Clear Lake, Wis.

73854 **Verlinda of Round Top**
Sire *Sue's King of Tarbell Farms* 23037. Dam *Psyche of Middlebrook* 47726.
Born Jan. 4, 1917. B.: C. H. Zehnder, Allenhurst, N. J. O.: James D. Layng, Jr., Somers, N. Y.

73855 **Lila of Oak Grove**
Sire *Paul of Broadford* 16860. Dam *Lila of Edgewood* 41469.
Born Nov. 29, 1916. B.: C. A. Sherwood, Hilliards, Ohio. O.: J. A. Darnell, Grove City, Ohio.

73856 **Hazel's Girl of Elm Wood**
Sire *Hazel's Diamond Duke* 14572. Dam *Imp. Mimosa of Blanchelande* 47162.
Born Nov. 30, 1916. B. and O.: J. L. Engle, Beloit, Ohio.

73857 **Lura Robarra**
Sire *Richmond Maximus 2d* 24505. Dam *Robilura's Lady* 29251.
Born Nov. 28, 1916. B. and O.: Est. Ben Clark, Whitewater, Wis.

73858 **Lura Rosina**
Sire *Richmond Maximus 2d* 24505. Dam *Robilillias* 19227.
Born Dec. 4, 1916. B. and O.: Est. Ben Clark, Whitewater, Wis.

73859 **Lura Coralena**
Sire *Richmond Maximus 2d* 24505. Dam *Coralura 2d* 19228.
Born Dec. 15, 1916. B. and O.: Est. Ben Clark, Whitewater, Wis.

73860 **Minetta G. Standish**
Sire *Applehurst Standish* 32494. Dam *Hazel Standish* 34189.
Born Dec. 2, 1916. B. and O.: F. W. Gibbs, Brooks, Maine.

73861 **Lady Glenwood of Maple Heights**
Sire *Hilda's Pride of Riverside* 26336. Dam *Glenwood's Laverna 2d* 56463.
Born Dec. 6, 1916. B. and O.: Frank E. Swan, Wauwatosa, Wis.

73862 **Jewel's Pride of Valley View**
Sire *Manoa's Son of Iowa* 22761. Dam *Jewel's Dame of Fairview* 40876.
Born June 7, 1914. B.: Alfred I. Stubbs, West Salem, Wis. O.: M. R. Pritchett, River Falls, Wis.

73863 **Starlight's Jewel**
Sire *Masterful* 14343. Dam *Jewel's Dame of Fairview* 40876.
Born Nov. 28, 1916. B. and O.: M. R. Pritchett, River Falls, Wis.

73864 **Donibristle's Marietta**
Sire *Fillmore of Brookdale* 36250. Dam *Brookdale's Mollietta* 57706.
Born March 27, 1917. B.: G. N. B. Tuttle, Sterling, Mass. O.: James Duncan Phillips, Topsfield, Mass.

73865 **Blanche of Spring Meadow**
Sire *Bijou's Teddy of Pleasant View* 30409. Dam *Lily of Spring Meadow Farm* 42230.
Born Dec. 5, 1916. B. and O.: Lewis H. McGrath, Chilton, Wis.

73866 **Miss Vanity of Spring Meadow**
Sire *Diamond of Winnebago* 35137. Dam *Magdalena's Madeline* 55024.
Born Jan. 6, 1917. B.: E. W. & H. R. Burg, Peebles, Wis. O.: Lewis H. McGrath, Chilton, Wis.

73867 **Peerless Jewel**
Sire *Imp. Beatrix's Jewel King* 30592. Dam *Peerless Fernwood* 53486.
Born Dec. 7, 1916. B. and O.: Clinton L. Preston, Eau Claire, Wis.

73868 **Beatrice Fernwood**
Sire *Imp. Beatrix's Jewel King* 30592. Dam *Fernwood Lily May* 41436.
Born Dec. 11, 1916. B. and O.: Clinton L. Preston, Eau Claire, Wis.

73869 **Lucille of Indian Hill**
Sire *Ada B.'s Roy of Tarbell Farms* 19075. Dam *Loreen of Indian Hill* 34102.
Born March 4, 1917. B. and O.: O. S. Campbell, Mount Pleasant, Pa.

73870 **Lassie's Belle**
Sire *Lassie's Pride of Locust Hill* 23571. Dam *Lady Belle of Howard Farm* 58135.
Born Nov. 22, 1916. B. and O.: E. T. Howard, Hilliard, Ohio.

73871 **Aulne's Fern**
Sire *Faithful Trojan* 33965. Dam *Duke's Fern* 39955.
Born April 9, 1917. B.: George L. Rietz, Athens, Wis. O.: P. F. Hansen, Peabody, Kansas.

73872 **Ledolia of Fairmont**
Sire *Cletus Hay Jack* 31349. Dam *Ledolia's April* 46881.
Born Nov. 29, 1916. B. and O.: Dornes & Busch, Dubuque, Iowa.

73873 **Emma Nellis of Fairmont**
Sire *Cletus Hay Jack* 31349. Dam *Echelle's Pride of Honour* 42005.
Born Dec. 2, 1916. B. and O.: Dornes & Kammiller, Denver, Colo.

73874 **Sugar Grove Bell**
Sire *Loo Satisfax* 24733. Dam *Valdagno's Beauty* 56188.
Born Dec. 30, 1916. B. and O.: C. Hershberger & F. Schlosser, Bremen, Ind.

73875 **Agnes of Sugar Grove**
Sire *Loo Satisfax* 24733. Dam *Prince Fern's Susie* 48021.
Born Feb. 25, 1917. B. and O.: C. Hershberger & F. Schlosser, Bremen, Ind.

73876 **Mildred Louise**
Sire *Robiline's Masher* 18821. Dam *Elsie May of Pleasant View Farm* 38282.
Born March 20, 1917. B.: G. A. Wigent, Watervliet, Mich. O.: Delmer Laplant, Eau Claire, Mich.

73877 **Rosalin of Baggethun Farm**
Sire *Charlie of Lake View* 27496. Dam *Mary of Lake View* 48254.
Born Dec. 22, 1916. B. and O.: A. G. Williams, Scandinavia, Wis.

73878 **Dena's Dot of Maple Ridge**
Sire *Pretor of Valley View* 25610. Dam *Derbette's Dena of Maple Ridge* 54582.
Born Dec. 15, 1916. B. and O.: L. L. Harris, Red Creek, N. Y.

73879 **Magnolia's Daughter**
Sire *Pixie's Sequel, Jr.* 21083. Dam *Magnolia of Wyndham* 27989.
Born Jan. 2, 1917. B. and O.: Peter Krings, Arkansaw, Wis.

73880 **Halfred's Farm's Daybreak**
Sire *Glen Auric of Pinehurst* 13175. Dam *Deanie's Darling* 42562.
Born Sept. 3, 1916. B.: G. B. Helmuth, Millersburg, Ohio. O.: W. T. White, Chagrin Falls, Ohio.

73881 **Woodland's Blanche**
Sire *Reality's Governor* 30426. Dam *Katie A.* 41696.
Born Oct. 25, 1916. B. and O.: J. C. George, Venedocia, Ohio.

73882 **Woodland's Lucretia**
Sire *Reality's Governor* 30426. Dam *Echo's Lady Violet* 25231.
Born Oct. 27, 1916. B. and O.: J. C. George, Venedocia, Ohio.

73883 **Princess Euphemia 2d**
Sire *Imp. Holden IV.* 12179. Dam *Princess Euphemia* 27843.
Born Aug. 6, 1916. Twin with bull No. 44534. B.: Wilcox & Stubbs, Des Moines, Iowa. O.: Leon J. Delahaut, Green Bay, Wis.

73884 **Geneva Bryant**
Sire *Rowdy* 23388. Dam *Susie Bebout* 43096.
Born Dec. 29, 1916. B. and O.: Est. W. G. Thompson, Canonsburg, Pa.

73885 **Donella Sue**
Sire *Donald of Guernsey Hill* 31803. Dam *Emma Slater's Susan* 29982.
Born Feb. 20, 1917. B. and O.: George R. Thompson, Canonsburg, Pa.

73886 **Lady Lynn**
Sire *Tip Top Glen Weeks* 37454. Dam *Lady Top Knot* 71916.
Born Feb. 24, 1917. B. and O.: George R. Thompson, Canonsburg, Pa.

73887 **Freda's May Primrose**
Sire *May Rose Queen's Governor* 28929. Dam *Countess Freda* 42244.
Born May 23, 1917. B.: R. A. Synyer, New Lenox, Mass. O.: L. A. Anderson, Newport, N. H.

73888 **Rhoda Princess Virginia**
Sire *Samarito* 20443. Dam *Virginia's Rhoda of Cove Forge* 39519.
Born Oct. 31, 1916. B. and O.: D. N. App, Selinsgrove, Pa.

73889 **Wardeness's Glenwood Mary**
Sire *Samarito* 20443. Dam *Wardeness of Church Hill* 32744.
Born Nov. 1, 1916. B. and O.: D. N. App, Selinsgrove, Pa.

73890 **Primrose's Dorothy**
Sire *Hayes Wena 3d's Showme* 32554. Dam *Imp. Primrose II. of La Planque* 36347.
Born Nov. 20, 1916. B. and O.: Leon J. Delahaut, Green Bay, Wis.

73891 **Glenwood's Queen of Meadow Brook**
Sire *Melba's Glenwood King* 33105. Dam *Lady Justinée of Meadow Brook* 55991.
Born Dec. 1, 1916. B. and O.: R. H. Pollock, Jr., Parkers Landing, Pa.

73892 **Glenwood's Maid of Meadow Brook**
Sire *Melba's Glenwood King* 33105. Dam *Little Lady of Allegheny Valley* 43429.
Born Dec. 9, 1916. B. and O.: R. H. Pollock, Jr., Parkers Landing, Pa.

73893 **Lavinia's Glenwood Girl of Meadow Brook**
Sire *Melba's Glenwood King* 33105. Dam *Imp. Sequel's Lavinia* 33252.
Born Jan. 3, 1917. B. and O.: R. H. Pollock, Jr., Parkers Landing, Pa.

73894 **Glenwood's Daisy of Meadow Brook**
Sire *Melba's Glenwood King* 33105. Dam *Fanetta's Cherry of Meadow Brook* 55992.
Born Jan. 18, 1917. B. and O.: R. H. Pollock, Jr., Parkers Landing, Pa.

73895 **Erma Queen of Lone Cottonwood Farm**
Sire *Moneta's Park Prince* 16638. Dam *Queen of Lone Cottonwood Farm* 56520.
Born Feb. 15, 1917. B. and O.: Elmer E. Fry, Cazenovia, Wis.

73896 **Lindy of Summit Lawn 2d**
Sire *Cicero Billy* 34305. Dam *Lindy of Summit Lawn* 57616.
Born Dec. 27, 1916. B. and O.: W. D. Hall, Big Stone City, S. Dak.

73897 **Alma of The Lewis Farms**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Imp. Hayes Snowdrop 4th* 44967.
Born Nov. 28, 1916. B.: W. W. Marsh, Waterloo, Iowa. O.: Harry W. Lewis, Winneconne, Wis.

73898 **Thanksgiving Dawn of Wakpala**
Sire *Rival of Edgemont* 21799. Dam *Mount Pleasant Molly* 22872.
Born Nov. 30, 1916. B. and O.: M. J. Hess, Bloomsburg, Pa.

73899 **Winifred of Rollwood 2d**
Sire *Cocot of Rollwood* 26361. Dam *Winifred of Rollwood* 52382.
Born Dec. 21, 1916. B. and O.: Rollin S. Woodruff, New Haven, Conn.

73900 **Kaomeo of Rollwood 2d**
Sire *Geoffrey of Grasslands* 14661. Dam *Kaomeo of Rollwood* 46760.
Born April 7, 1917. B. and O.: Rollin S. Woodruff, New Haven, Conn.

73901 **Betty's Girl of Stannox**
Sire *Hailey Field* 17171. Dam *Wallflower's Betty* 37473.
Born Feb. 27, 1916. B. and O.: Clement S. Houghton, Sherborn, Mass.

73902 **Golden Lass of Stannox**
Sire *Hayes Golden 2d* 19541. Dam *Hailey's Lass* 42482.
Born March 21, 1916. B. and O.: Clement S. Houghton, Sherborn, Mass.

73903 **Pansy of Stannox**
Sire *Hailey Field* 17171. Dam *Primrose of Stannox* 50549.
Born April 6, 1916. B. and O.: Clement S. Houghton, Sherborn, Mass.

73904 **Ames Rouge Lassie**
Sire *Imp. Rouge II.'s Son* 18587. Dam *Imp. Parsons' Spot III.* 39562.
Born May 11, 1917. B. and O.: Iowa State College, Ames, Iowa.

73905 **Souvenir of Keewaydin's Charmante**
Sire *Souvenir of Keewaydin* 27503. Dam *Governor's Charmante of Keewaydin* 46387.
Born Dec. 8, 1916. B. and O.: R. W. Myers, Risingsun, Ohio.

73906 **Ledyard Bay's Ruby**
Sire *Lizetta's Ledyard Bay* 32235. Dam *Katrina's Dairy Queen* 55867.
Born Nov. 31, 1916. B. and O.: G. B. Van Gelder, Canandaigua, N. Y.

73907 **Ledyard Bay's Roxy**
Sire *Lizetta's Ledyard Bay* 32235. Dam *Elvira of Elmwood Farm* 55866.
Born Dec. 14, 1916. B. and O.: G. B. Van Gelder, Canandaigua, N. Y.

73908 **Trianon's Clover Mead**
Sire *Plough Boy of Trianon* 20600. Dam *Bud of Maplewood* 42842.
Born Nov. 17, 1916. B. and O.: Walter Kruger, Paynesville, Minn.

73909 **Marshall's Trianon of Maplewood**
Sire *Plough Boy of Trianon* 20600. Dam *Clover Birthday of Maplewood* 58194.
Born March 26, 1917. B. and O.: Walter Kruger, Paynesville, Minn.

73910 **Pride of Beechwood**
Sire *Lord Beechwood* 40652. Dam *Marguerite of Walnut Glens* 38968.
Born Nov. 10, 1916. B. and O.: L. W. Eldredge, Chardon, Ohio.

73911 **Una G.**
Sire *Gen. Atkinson of Deer Creek* 20715. Dam *Marguerite of Valley View 2d* 40032.
Born April 2, 1915. B. and O.: Dan G. Lee, Tracy, Minn.

73912 **Helen Currie**
Sire *Prince Homer Rose Bud* 28104. Dam *Marguerite of Valley View 2d* 40032.
Born July 28, 1916. B. and O.: Dan G. Lee, Tracy, Minn.

73913 **Margaret of Riverdale**
Sire *Snyder of Willowdale* 17788. Dam *Salla Cronje* 17256.
Born April 23, 1917. B. and O.: Hugh McIlraith, Medford, Wis.

73914 **Evelyn of Jewel Crest**
Sire *Harry of Guernsey and Mule Farm* 29087. Dam *Ethel of Oak Wood* 39281.
Born Dec. 6, 1916. B. and O.: B. L. Miller, Liberty, Pa.

73915 **Sarah of Buena Vista Hill Farm**
Sire *Golden King of Oakhurst* 25586. Dam *Irene of Buena Vista Hill Farm* 36547.
Born Sept. 16, 1916. B. and O.: J. K. White, Groton, Vt.

73916 **Annie of Buena Vista Hill Farm**
Sire *Golden King of Oakhurst* 25586. Dam *Dainty Maid of Buena Vista Hill Farm* 57904.
Born Sept. 27, 1916. B. and O.: J. K. White, Groton, Vt.

73917 **Maud of Buena Vista Hill Farm**
Sire *Golden King of Oakhurst* 25586. Dam *Beth of Buena Vista Hill Farm* 50697.
Born Dec. 9, 1916. B. and O.: J. K. White, Groton, Vt.

73918 **Wendover's Realité of Appletrees**
Sire *Wendover* 13607. Dam *Raymond's Realité of Bedminster* 49247.
Born Feb. 3, 1917. B.: Joseph Larocque, Far Hills, N. J. O.: Ramsey Turnbull, Bernardsville, N. J.

73919 **Florist Fernwood**
Sire *Motherwell's Archer* 22842. Dam *Florist of Maple Lawn* 52080.
Born Dec. 9, 1916. B. and O.: Fred W. Brandt, Fennimore, Wis.

73920 **Pauline's Buttercup**
Sire *Sequel of Star Farm* 23275. Dam *Glenwood Girl Pauline* 40164.
Born Jan. 27, 1914. B. and O.: Harvey A. Hoffman, Newside, Pa.

73921 **Dorothy of River Farm**
Sire *Monroe's Glenwood* 23001. Dam *Imp. Lily of the Adams* 30292.
Born Nov. 30, 1916. B. and O.: H. A. Croasdale, Delaware Water Gap, Pa.

73922 **Shoreland Lily**
Sire *Queen Charlotte's May King* 29289. Dam *Estaba's Rose's Etta* 45862.
Born Jan. 24, 1917. B. and O.: L. B. Stevens, Hartland, Wis.

73923 **Helen of Antrim**
Sire *Antrim* 22223. Dam *Tullia of Concord 3d* 43518.
Born May 14, 1917. B. and O.: John B. Jameson, Antrim, N. H.

73924 **Fleurette of New Castle**
Sire *Woodlands King Masher* 31697. Dam *Betty of New Castle* 43601.
Born March 30, 1917. B. and O.: Winthrop Cowdin, Mount Kisco, N. Y.

73925 **Fortuna of New Castle**
Sire *Woodlands King Masher* 31697. Dam *Manoa's Princess* 42766.
Born April 8, 1917. B. and O.: Winthrop Cowdin, Mount Kisco, N. Y.

73926 **Florine of New Castle**
Sire *Woodlands King Masher* 31697. Dam *Dora of New Castle* 48819.
Born May 5, 1917. B. and O.: Winthrop Cowdin, Mount Kisco, N. Y.

73927 **Glenwood's Yolo of Elmer**
Sire *Nellie's May King of Ellenwood* 34730. Dam *Lilyita Glenwood's Yolo* 58854.
Born Dec. 20, 1916. B. and O.: E. E. Hires, Elmer, N. J.

73928 **Queen's Duplicate**
Sire *Jumbo of State Line Farm* 34846. Dam *Cook's Queen* 58800.
Born Dec. 18, 1916. B. and O.: David Keir, Nutwood, Ohio.

73929 **Dame Bonaparte 2d**
Sire *Jumbo of State Line Farm* 34846. Dam *Dame Bonaparte* 22185.
Born Jan. 13, 1917. B. and O.: David Keir, Nutwood, Ohio.

73930 **Cream of Sun Set View**
Sire *Glenwood Boy of Utility* 20676. Dam *Bessie of the Lone Oak* 37655.
Born Dec. 10, 1916. B. and O.: J. A. Swoveland, Ohio City, Ohio.

73931 **Dolly of the Ridge**
Sire *Excelsior of Linwood* 27513. Dam *Polly Ana of the Ridge* 59204.
Born Jan. 3, 1917. B. and O.: Fred C. Gleason, Sodus, Mich.

73932 **Dimple of the Ridge**
Sire *Excelsior of Linwood* 27513. Dam *Lucile of the Ridge* 36580.
Born March 8, 1917. B. and O.: Fred C. Gleason, Sodus, Mich.

73933 **April Girl of Holland**
Sire *Zena's Jury of Koshkonong Place* 26471. Dam *Dubois Maid* 56045.
Born April 21, 1917. B. and O.: August J. Luebbert, Holland, Ind.

73934 **Gayhead's Flora**
Sire *Gayhead Floramond* 31827. Dam *Imp. Betsy of Cloverley* 45903.
Born March 15, 1917. B. and O.: George M. White, Freehold, N. Y.

73935 **Gayhead's May**
Sire *Ultra May King* 27600. Dam *Glow of Gayhead* 40354.
Born April 27, 1917. B. and O.: George M. White, Freehold, N. Y.

73936 **Queen of Kewaunee**
Sire *Hazel's Golden Bob* 24824. Dam *Luella of Beloit* 37592.
Born Dec. 17, 1916. B. and O.: Charles Ihlenfeld, Luxembourg, Wis.

73937 **Ruth of Kewaunee**
Sire *Hazel's Golden Bob* 24824. Dam *Polly of Kewaunee* 47538.
Born Dec. 21, 1916. B. and O.: Charles Ihlenfeld, Luxembourg, Wis.

73938 **Maggie of Kewaunee**
Sire *Hazel's Golden Bob* 24824. Dam *Carrie of Kewaunee* 47539.
Born Jan. 4, 1917. B. and O.: Charles Ihlenfeld, Luxembourg, Wis.

73939 **Maryann of Kewaunee**
Sire *Hazel's Golden Bob* 24824. Dam *Bell of Kewaunee* 56020.
Born Feb. 1, 1917. B. and O.: Charles Ihlenfeld, Luxembourg, Wis.

73940 **Golden Pauletta**
Sire *Golden Boy of Pencoyd* 18896. Dam *Pauline Glenwood* 50928.
Born Dec. 14, 1916. B. and O.: G. W. Tailby, Jr., Ithaca, N. Y.

73941 **Dairymaid's Mabel of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* 28187. Dam *Glenwood's Dewdrop of Fox Valley* 44745.
Born Dec. 25, 1916. B. and O.: C. J. Kuhtz & Sons, Waukesha, Wis.

73942 **Dairymaid's Emma of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* 28187. Dam *Robiana of Fox Valley* 48554.
Born Dec. 29, 1916. B. and O.: Charles J. Kuhtz, Waukesha, Wis.

73943 **Dairymaid's Mildred of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* 28187. Dam *Bells' Paragon of Fox Valley* 57880.
Born Jan. 11, 1917. B. and O.: Charles J. Kuhtz, Waukesha, Wis.

73944 **St. Amant of Lewison's Pearl**
Sire *St. Amant of Lewison's Golden Secret* 14271. Dam *Hudson's Ruby 2d* 45363.
Born July 3, 1914. B. and O.: C. Eugene Knight, White Rock, Maine.

73945 **Ruby's Augustina**
Sire *Mixter Augustus* 29300. Dam *Hudson's Ruby 3d* 51435.
Born July 3, 1915. B. and O.: C. Eugene Knight, White Rock, Maine.

73946 **Ruby Hudson**
Sire *Ruby's St. Amant of Lone Pine Tree Farm* 36455. Dam *Hudson's Ruby 3d* 51435.
Born June 7, 1916. B. and O.: C. Eugene Knight, White Rock, Maine.

73947 **Imp. Belle Rose**
Sire On Guernsey *Gay Boy VI. of Myrtle Place* (R. G. A. S. 3518 P. S.) Dam *Imp. Belle et Rose VI. of the Effards* 66012.
Born Nov. 28, 1916. Imp. in dam. B.: F. Le Parmentier, Island of Guernsey. O.: J. L. Hope, Madison, N. J.

73948 **Berna Hope**
Sire *Don Bernardo of Linda Vista* 20617. Dam *Hope of Highfields* 23374.
Born Dec. 18, 1916. B. and O.: J. L. Hope, Madison, N. J.

73949 **Native Gold**
Sire *Imp. Ravenscroft Golden Hope* 25175. Dam *Native Belle* 51432.
Born Dec. 20, 1916. B. and O.: J. L. Hope, Madison, N. J.

73950 **Sunnyside Bess**
Sire *Imp. Highland Warren Wood* 18090. Dam *Sunnyside Star* 52645.
Born March 31, 1915. B. and O.: Welsh & Gerner, Butler, Pa.

73951 **Betty of Laws Farm**
Sire *Carl of Fairfield Farm* 28419. Dam *Hope of Laws Farm* 48256.
Born Dec. 4, 1916. B. and O.: W. H. Laws, Westminster, Mass.

73952 **Velvet of Laws Farm**
Sire *Carl of Fairfield Farm* 28419. Dam *Ladybird of Laws Farm* 55373.
Born Jan. 25, 1917. B. and O.: W. H. Laws, Westminster, Mass.

73953 **Tiny Bud 3d**
Sire *Frank William of Norwichtown* 18963. Dam *Tiny Bud* 41837.
Born Dec. 14, 1914. B. and O.: Edwin F. Kimball, Penacook, N. H.

73954 **Elsa of Canterbury**
Sire *Frank William of Norwichtown* 18963. Dam *Henrietta of Northfield* 26252.
Born March 20, 1915. B. and O.: Edwin F. Kimball, Penacook, N. H.

73955 **Fredetta of South Street**
Sire *Gentleman S. of South Street* 36328. Dam *Mollie Granger* 48241.
Born March 20, 1917. B. and O.: F. D. E. Stowe, Brattleboro, Vt.

73956 **Catharine of Linwood**
Sire *Langwater Frederick* 22268. Dam *Imp. Arona of Linwood* 51552.
Born Nov. 30, 1916. B. and O.: Homer F. Rundell, Livingston, Wis.

73957 **Cornelia of Linwood**
Sire *Langwater Frenchman* 19226. Dam *Imp. Honeydew of Linwood* 48097.
Born Jan. 28, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

73958 **Constance of Linwood**
Sire *Langwater Frederick* 22268. Dam *Imp. Atlantis of Linwood* 51581.
Born March 6, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

73959 **Cleopatra of Linwood**
Sire *Langwater Frederick* 22268. Dam *Lady of Linwood* 41004.
Born March 28, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

73960 **Cynthia of Linwood**
Sire *Langwater Frederick* 22268. Dam *Imp. Angelina of Linwood* 51565.
Born April 10, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

73961 **Clothilda of Riverside**
Sire *Pinecrest King France* 21428. Dam *Rag Apple's Lady Clothilda* 44813.
Born Nov. 30, 1916. B.: H. W. Wigman, Lansing, Mich. O.: W. H. Keddy, Fenton, Mich.

73962 **Gaiety's Jewel of Palatine**
Sire *Pauline's Prince of Harriton* 34382. Dam *Gaiety's Jewel of West View* 43495.
Born March 4, 1917. B. and O.: William A. Shaw, Palatine, N. J.

73963 **Adele of Highland Stock Farm**
Sire *Miss Topsy's Benjamin* 33569. Dam *Queen of Cato* 35117.
Born Dec. 26, 1916. B. and O.: J. K. Larson & Sons, Manitowoc, Wis.

73964 **Bess of Highland Stock Farm**
Sire *Miss Topsy's Benjamin* 33569. Dam *Dolly L.* 43450.
Born Feb. 7, 1917. B. and O.: J. K. Larson & Sons, Manitowoc, Wis.

73965 **Totsy Boo**
Sire *Haakon of Crystal Springs* 24333. Dam *Maid of the River* 35377.
Born Dec. 28, 1916. B. and O.: N. T. Nelson, Manitowoc, Wis.

73966 **Virginia of Sunny Creek**
Sire *Miss Topsy's Benjamin* 33569. Dam *Maid of Rapids* 35376.
Born April 1, 1917. B. and O.: N. T. Nelson, Manitowoc, Wis.

73967 **Dot of Maplelawn**
Sire *Imp. Sequel's Treasure Trove* 30722. Dam *Imp. Victime of Maplelawn* 48076.
Born March 16, 1917. B. and O.: F. B. Rundell & R. Nicholson, Livingston, Wis.

73968 **Amy's Dollie of Maplelawn**
Sire *Imp. Sequel's Treasure Trove* 30722. Dam *Imp. Amy of Maplelawn* 54316.
Born Oct. 6, 1916. B. and O.: F. B. Rundell & R. Nicholson, Livingston, Wis.

73969 **Cavalier's Hayes Rosie**
Sire *Don Cavalier of Linda Vista* 20842. Dam *Sunnyside Surprise* 19244.
Born July 18, 1916. B.: William F. Gable, Wyebrooke, Pa. O.: Emlen Wood, Malvern, Pa.

73970 **Beacon Hill Rose**
Sire *Royal Favorite* 20154. Dam *Tea Rose* 14621.
Born Feb. 12, 1917. B.: Est. D. Willis James, Madison, N. J. O.: A. C. James, Newport, R. I.

73971 **Glenwood Mollie**
Sire *Glenwood Warwick* 24258. Dam *Mollie's Anchor* 36044.
Born Oct. 29, 1915. B.: Nye Hungerford, Ithaca, N. Y. O.: L. H. Folmer, Locke, N. Y.

73972 **Mollie's Maid**
Sire *Carranza of Maple Glen* 30591. Dam *Mollie's Anchor* 36044.
Born Oct. 10, 1916. B. and O.: L. H. Folmer, Locke, N. Y.

73973 **Waucomah Dairymaid**
Sire *Dairymaid's Nonpareil of Iowa* 26763. Dam *Imp. Dot of Sarnia* 58769.
Born Feb. 8, 1917. B.: W. H. Dupee, Santee, Cal. O.: Alma D. Katz & O. B. Wight, Portland, Oregon.

73974 **Marcia's Glenwood Girl of Lake View**
Sire *Marcia's Glenwood of Pinehurst's Jeweler* 28253. Dam *Billy's Jewel of Lake View* 52402.
Born Nov. 24, 1916. B. and O.: Selsing Bros., Wautoma, Wis.

73975 **Rugby's Lilly**
Sire *Rugby's May King* 34421. Dam *Lillie's Lady May* 23922.
Born Aug. 12, 1916. B. and O.: W. J. Royer, Orrville, Ohio.

73976 **Lady of Glastonbury**
Sire *Gladys's Boy* 26891. Dam *Duchess of Glastonbury* 54615.
Born Jan. 12, 1917. B. and O.: Mrs. Jennie L. Williams, Glastonbury, Conn.

73977 **Daisylain of Meadow Brook**
Sire *Star Masterpiece of Fairmount* 27360. Dam *Thirty Thousand Eight Hundred Sixty Five* 30865.
Born Dec. 22, 1916. B. and O.: Matt Goodman, Cadott, Wis.

73978 **Lady Brook Wiggins**
Sire *Star Masterpiece of Fairmount* 27360. Dam *Nannie Wiggins* 44119.
Born Dec. 28, 1916. B. and O.: Matt Goodman, Cadott, Wis.

73979 **Maple Glen Miss Silklight**
Sire *Imp. Masher of Sarnia* 19167. Dam *Lady Belle of Maple Glen* 54337.
Born Jan. 28, 1917. B. and O.: L. L. Coggshall, Locke, N. Y.

73980 **Maple Glen Lady Pollyanna**
Sire *Florham Laddie* 20431. Dam *Alwilda of Maple Glen* 36953.
Born Feb. 23, 1917. B. and O.: L. L. Coggshall, Locke, N. Y.

73981 **Beauty's Constance of Rosni**
Sire *Apollo of Oak Ridge* 23229. Dam *Constance of Ellerslie* 35384.
Born Nov. 12, 1916. B. and O.: Frank S. Walker, Woodberry Forest, Va.

73982 **Bonny Beauty of Manly**
Sire *Dairymaid's Encore of Iowa* 25152. Dam *Glenwood's May of Manly* 50916.
Born Nov. 27, 1916. B.: F. H. Logemann, Manly, Iowa. O.: Albin Stroner, Manly, Iowa.

73983 **Margaret Pride**
Sire *Jessica's Marcus Glenwood* 26080. Dam *Minty of Summit Lawn 2d* 20720.
Born April 21, 1917. B.: Frank P. Smith, Sidney, Wis. O.: Albert B. Schuler, Neillsville, Wis.

73984 **Polly's Rosie Marshall**
Sire *John Livermore 2d* 43682. Dam *Polly's Pet Marshall* 56890.
Born Dec. 22, 1907. B. and O.: Winslow Fuller, Livermore Falls, Maine.

73985 **Lamont's Lady Coy**
Sire *Fair Lady's Sequel* 23507. Dam *Lamont's Carpatha* 38982.
Born March 13, 1917. B.: W. C. Lamont, Cobleskill, N. Y. O.: H. S. Lamont, Cobleskill, N. Y.

73986 **Jasmine of Rowe Farm**
Sire *Walter Whitehill* 28136. Dam *Martha of Maple Grove* 52499.
Born April 1, 1917. B. and O.: John Rowe, Knox, Pa.

73987 **Phillis of Prairie View**
Sire *Starlight Boy* 33077. Dam *Forget-me-not of Prairie View* 49585.
Born Feb. 19, 1917. B. and O.: H. W. Kent, Rusk, Wis.

73988 **Jeanette of Walnut Crest**
Sire *Glenwood's Bayside* 19825. Dam *Jeanette of Bonnymeade* 24915.
Born April 25, 1917. B. and O.: Clinton F. Rines, Westbrook, Maine.

73989 **Pearl of Wayside**
Sire *Tip Top of Goshen* 12517. Dam *Irene of Poplar Grove* 23536.
Born Feb. 22, 1913. B. and O.: F. H. Cashell, Rockville, Md.

73990 **Spotwood of Wayside**
Sire *Tip Top of Goshen* 12517. Dam *Winifred of Goshen* 28897.
Born Sept. 18, 1913. B. and O.: F. H. Cashell, Rockville, Md.

73991 **Miss Topsy of Wayside**
Sire *Tip Top of Goshen* 12517. Dam *Arline of Poplar Grove* 18706.
Born Dec. 12, 1913. B. and O.: F. H. Cashell, Rockville, Md.

73992 **Penless of Wayside**
Sire *Duke of Pencoyd* 14432. Dam *Irene of Poplar Grove* 23536.
Born Oct. 2, 1914. B. and O.: F. H. Cashell, Rockville, Md.

73993 **Toppie of Wayside**
Sire *Tip Top of Goshen* 12517. Dam *Arline of Poplar Grove* 18706.
Born Nov. 14, 1914. B. and O.: F. H. Cashell, Rockville, Md.

73994 **Meadow Brook of Wayside**
Sire *Homestead of Meadowbank* 24212. Dam *Pearl's Queen of Goshen* 31397.
Born Feb. 7, 1916. B. and O.: F. H. Cashell, Rockville, Md.

73995 **Brookie of Wayside**
Sire *Homestead of Meadowbank* 24212. Dam *Lina of Poplar Grove* 36001.
Born Feb. 24, 1916. B. and O.: F. H. Cashell, Rockville, Md.

73996 **Brookside of Wayside**
Sire *Homestead of Meadowbank* 24212. Dam *Arline of Poplar Grove* 18706.
Born March 16, 1916. B. and O.: F. H. Cashell, Rockville, Md.

73997 **Petite's Princess**
Sire *Sumpter of Glen Allen* 12655. Dam *Imp. Captain's Petite* 34262.
Born Jan. 11, 1916. B. and O.: William King, Jr., Lynchburg, Va.

73998 **Mildred of Kingsland**
Sire *Aimable of the Isle 11th* 35215. Dam *Sweet Melrose of Oak Ridge* 47643.
Born April 16, 1917. B. and O.: William King, Jr., Lynchburg, Va.

73999 **Noble's May Wort of Waddington**
Sire *Imp. Golden Noble of Waddington* 27237. Dam *Raider's May Wort* 48110.
Born Jan. 7, 1917. B. and O.: E. W. Oglebay, Wheeling, W. Va.

74000 **Walters' Pet**
Sire *Pretoria's Raynold* 27537. Dam *Necia of Riverside* 42605.
Born Jan. 10, 1917. B. and O.: H. C. Mehring, Manson, Iowa.

74001 **Raider's Violet of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Imp. Violet IV. of Corbinez* 32405.
Born April 9, 1917. B. and O.: E. W. Oglebay, Wheeling, W. Va.

74002 **Waddington Lady Dudley**
Sire *Rosetta's Raider of Waddington* 27109. Dam *Marshall's Lady Dudley* 43364.
Born April 17, 1917. B. and O.: E. W. Oglebay, Wheeling, W. Va.

74003 **Duchesse of Liberty Hills**
Sire *Rosetta's Raider of Waddington* 27109. Dam *Imp. Milton Duchesse of the Chêne 4th* 32406.
Born Feb. 20, 1916. B. and O.: H. S. & J. A. Bloch, Short Creek, W. Va.

74004 **Lady's Maid of Columbia**
Sire *Imp. Elmpines Sinetto* 34143. Dam *Lady's Maid of Oakhurst* 41115.
Born March 18, 1917. B. and O.: The Columbia Mills, Inc., Minetto, N. Y.

74005 **Diana Sequel**
Sire *Katonah's Sequel* 19654. Dam *Mari Clin Bru's Diana* 47838.
Born Sept. 14, 1915. B.: C. R. Irwin Martin, Ridgefield, Conn. O.: Louis D. Conley, Ridgefield, Conn.

74006 **Lily Buttercup**
Sire *Holliston Twinkle* 22834. Dam *Quotation 2d* 28225.
Born July 3, 1915. B.: W. E. Marchant, Holliston, Mass. O.: Andrew B. Hafferty, Everett, Mass.

74007 **Golden Cherry of Iowa 2d**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Imp. Golden Cherry of Iowa* 52015.
Born March 17, 1917. B. and O.: W. W. Marsh, Waterloo, Iowa.

74008 **Golden Snowdrop**
Sire *Imp. Kenilworth Gold* 40380. Dam *Imp. Hayes Snowdrop 8th* 67872.
Born March 22, 1917. B. and O.: W. W. Marsh, Waterloo, Iowa.

74009 **Golden Snowdrop of the Prairie**
Sire *Imp. Kenilworth Gold* 40380. Dam *Imp. Hayes Snowdrop 9th* 67886.
Born March 28, 1917. B. and O.: W. W. Marsh, Waterloo, Iowa.

74010 **Friquet's Memento**
Sire *Imp. Cherry's Memento of Iowa* 27562. Dam *Imp. Hayes Friquet 2d* 44979.
Born April 1, 1917. B. and O.: W. W. Marsh, Waterloo, Iowa.

74011 **Bopeep's Queen 2d**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Bopeep's Queen* 52908.
Born April 16, 1917. B. and O.: W. W. Marsh, Waterloo, Iowa.

74012 **Golden Cherry of Prospect Farm**
Sire *Ladysmith's Cherub* 30760. Dam *Imp. Hayes Golden Cherry 13th* 67871.
Born May 11, 1917. B. and O.: W. W. Marsh, Waterloo, Iowa.

74013 **Rudie's Pet**
Sire *Hillstead Joe* 26938. Dam *Rosa S. 2d* 52833.
Born Nov. 17, 1916. B. and O.: Christ Muth, Manitowoc, Wis.

74014 **Patricia of Breezy Bank**
Sire *Boy of Thorn Hill* 35760. Dam *Imp. La Martine IV.* 51971.
Born March 15, 1917. B. and O.: Thomas Smith, Saint Joseph, Mich.

74015 **Myrtle Rose**
Sire *Rose King of Onunda* 26462. Dam *Imp. Brunette IV. of Le Marais* 51226.
Born Dec. 2, 1916. B. and O.: Harry R. Barry, Far Hills, N. J.

74016 **Myrtle Pride**
Sire *Rose King of Onunda* 26462. Dam *Masher's Goldvein* 47265.
Born Jan. 6, 1917. B. and O.: Harry R. Barry, Far Hills, N. J.

74017 **Lady Shamrock of Oakland**
Sire *Golden Masher of Chilmark* 27644. Dam *Imp. Lady II. de la Vieille Rue* 35237.
Born Feb. 22, 1917. B. and O.: W. H. Chapin, Chippewa Falls, Wis.

74018 **Frankie of Fairview**
Sire *Lord Yeksa of Thorn Hill* 18918. Dam *Bessie of Fairview* 36712.
Born Feb. 12, 1917. B. and O.: Est. Charles Peiter, Marionville, Mo.

74019 **Lake Farm Beauty Maid**
Sire *Langwater Legacy* 31324. Dam *Ellenwood Beauty 2d* 55217.
Born Dec. 14, 1916. B. and O.: Charles W. Curtis, Marlboro, Mass.

74020 **Lake Farm Lily**
Sire *Langwater Legacy* 31324. Dam *Ellenwood Beauty* 36922.
Born Feb. 28, 1917. B. and O.: Charles W. Curtis, Marlboro, Mass.

74021 **Primrose Chêne of Utility**
Sire *May Rose's Masher of Utility* 28880. Dam *Homestead Emerande* 32298.
Born Dec. 16, 1916. B. and O.: J. M. Harvey, Waukesha, Wis.

74022 **Maternachêne of Utility**
Sire *May Rose's Masher of Utility* 28880. Dam *Homestead Dora* 32297.
Born Jan. 7, 1917. B. and O.: J. M. Harvey, Waukesha, Wis.

74023 **Laurel's Queen**
Sire *Heirloom's Tahoma's Nepaul* 33328. Dam *Psyche's Laurel of Broad Vista* 57300.
Born Nov. 22, 1916. B.: Delmont Norton, North New Portland, Maine. O.: Norris B. Luce, Anson, Maine.

74024 **Masher's Lark**
Sire *Gloriana's King Masher* 27645. Dam *Glendett's Queen of Clover Lawn* 51732.
Born Dec. 2, 1916. B. and O.: Charles E. Wirt, Lewiston, Minn.

74025 **Lura Fern**
Sire *Saxe's Dixie Boy* 22908. Dam *Lura of Baldwin* 32608.
Born Dec. 16, 1916. B. and O.: Wilbur Saxe & Son, Loxley, Ala.

74026 **Thelmanette**
Sire *Snowdoun of Lone Mound* 34736. Dam *Thelma of Lone Mound* 29422.
Born Jan. 12, 1917. B. and O.: W. Nicholls, Trempealeau, Wis.

74027 **Roxa W. Marshall**
Sire *Fisher Marshall* 23568. Dam *Marshall's Molly* 51076.
Born Dec. 6, 1916. B. and O.: D. L. Newman, East Wilton, Maine.

74028 **Polly of Clara Cooper Farms**
Sire *Golden Noble of Craigamoor* 29215. Dam *Imp. Molly II. of la Croisée* 44189.
Born May 2, 1917. B. and O.: James H. Cooper, Courtenay, N. Dak.

74029 **Elnora W. of Elkview 2d**
Sire *Imp. Billy's France II. of the Frie Bâton* 21185. Dam *Elnora W. of Elkview* 45569.
Born Jan. 1, 1917. B. and O.: A. J. Cullen, Elkview, Pa.

74030 **Rookwood Blanche 2d**
Sire *Blanche Daisy II.'s King* 19106. Dam *Rookwood Blanche* 32677.
Born Dec. 10, 1916. B.: S. E. Fisher, East Liverpool, Ohio. O.: F. S. Hall & Son, Farmdale, Ohio.

74031 **Pansy of Hedgelawn**
Sire *Sir Roderick of Wasteland* 24608. Dam *Duke's Pansy of Hillside* 49903.
Born Dec. 24, 1916. B.: J. Harry Davis, Williamsfield, Ohio. O.: F. S. Hall & Son, Farmdale, Ohio.

74032 **Fannie of Brush Creek 2d**
Sire *May King's Laddie of Chilmark* 32065. Dam *Fannie of Brush Creek* 58824.
Born Jan. 15, 1917. B.: B. E. Totten, Farmdale, Ohio. O.: H. J. Hall, Farmdale, Ohio.

74033 **Rapid Transit of Farmdale**
Sire *Lilac's King* 28578. Dam *Rapid Transit of Oakwood* 26857.
Born Feb. 21, 1917. B.: John Levan, Columbiana, Ohio. O.: H. J. Hall, Farmdale, Ohio.

74034 **Honoria of Hedgelawn**
Sire *King Masher's Laddie* 23467. Dam *Honoria of the Chêne* 32634.
Born March 7, 1917. B.: Emmet Steiner, Orrville, Ohio. O.: H. J. Hall, Farmdale, Ohio.

74035 **Jessica of Warren**
Sire *Galaxy's Masher* 31368. Dam *Jessica of Maplecrest* 39769.
Born April 26, 1917. B. and O.: John B. Jeanes, Warren, Ohio.

74036 **Boulder's Beauty of Buena Vista**
Sire *May King's Laddie of Chilmark* 32065. Dam *Boulder Beauty* 25336.
Born Oct. 7, 1916. B.: Frank C. Weir, Cortland, Ohio. O.: J. J. Jackson, Garrettsville, Ohio.

74037 **Jackson's Oakhurst Buttercup**
Sire *May King's Laddie of Chilmark* 32065. Dam *Buttercup of Oakhurst 2d* 26248.
Born June 10, 1916. B. and O.: J. E. Miller, Cortland, Ohio.

74038 **Bage's Dimple of the Swale**
Sire *Dimple Bloom of Welliversville* 22280. Dam *Bage of Swale Farm* 56223.
Born Nov. 7, 1916. B. and O.: J. L. Bowman, New Columbus, Pa.

74039 **Annette of Myrifield**
Sire *King John of Hylsted* 19467. Dam *Lisa of Hylsted* 37984.
Born May 10, 1916. B.: Grace Wolcott, Heath, Mass. O.: Gardner Boyd, Heath, Mass.

74040 **Eunice of the Orchards**
Sire *Imp. Hero of King's Mills Lodge* 16906. Dam *Imogene of Highlands 2d* 44236.
Born April 9, 1916. Twin with cow No. 74041. B.: W. H. Gratwick, Buffalo, N. Y. O.: Chester A. Parnell, Pavilion, N. Y.

74041 **Faustina of the Orchards**
Sire *Imp. Hero of King's Mills Lodge* 16906. Dam *Imogene of Highlands 2d* 44236.
Born April 9, 1916. Twin with cow No. 74040. B.: W. H. Gratwick, Buffalo, N. Y. O.: Chester A. Parnell, Pavilion, N. Y.

74042 **King's Lass**
Sire *Sylvan King of the May* 29748. Dam *Jennie H. of Sherwood* 30792.
Born Aug. 8, 1916. B. and O.: Mrs. B. A. Schulze, Wyalusing, Pa.

74043 **King's Maud**
Sire *Sylvan King of the May* 29748. Dam *Maud Sherwood* 30380.
Born Aug. 27, 1916. B. and O.: Mrs. B. A. Schulze, Wyalusing, Pa.

74044 **King's Sylvia**
Sire *Sylvan King of the May* 29748. Dam *Edna C. of Pittsgrove* 16443.
Born Sept. 5, 1916. B. and O.: Mrs. B. A. Schulze, Wyalusing, Pa.

74045 **King's Ruth**
Sire *Sylvan King of the May* 29748. Dam *Ruth Lyons of Sherwood* 26736.
Born Oct. 11, 1916. B. and O.: Mrs. B. A. Schulze, Wyalusing, Pa.

74046 **Northfield Susie**
Sire *Katie's Northfield Marshall* 35936. Dam *Northfield Molly* 58308.
Born May 5, 1917. B. and O.: Northfield Hotel Co., East Northfield, Mass.

74047 **Verna Lorelie of the Five Firs**
Sire *Rose's Jeweller of Oak Knoll* 21958. Dam *Margaret of Cherrydale* 39744.
Born April 10, 1917. B. and O.: Zach Simonson, Wautoma, Wis.

74048 **Amaza's War-baby**
Sire *Teddy of Crystal View* 31535. Dam *Amaza Jane* 47841.
Born Feb. 10, 1917. B. and O.: Rome N. Heinzman, Mankato, Minn.

74049 **Belsire's Antoinette**
Sire *Belsire* 18645. Dam *Masher's Antoinette* 36940.
Born April 22, 1917. B. and O.: D. H. McAlpin, Morris Plains, N. J.

74050 **Bluebell's Beauty of Breinholm**
Sire *Rob Glenwood* 15220. Dam *Breinholm Bluebell* 57664.
Born Dec. 10, 1916. B. and O.: Jens Andersen & Son, Withee, Wis.

74051 **Yeksa's Rose of Breinholm**
Sire *Rob Glenwood* 15220. Dam *Yeksa of Clover Hill* 42357.
Born Jan. 6, 1917. B. and O.: Jens Andersen & Son, Withee, Wis.

74052 **Queen's Star of Breinholm**
Sire *Rob Glenwood* 15220. Dam *Queen of Breinholm* 52985.
Born Jan. 15, 1917. B. and O.: Jens Andersen & Son, Withee, Wis.

74053 **Governor's Carol**
Sire *Verna's Governor* 27701. Dam *Sam's Minty* 37039.
Born Dec. 22, 1916. B. and O.: Peter Rasmusson, Clarks Grove, Minn.

74054 **Pride's Goldie**
Sire *Topaz's Pride of Arnott* 35361. Dam *Glendetta's May* 60012.
Born March 27, 1917. B. and O.: Peter Rasmusson, Clarks Grove, Minn.

74055 **Pearl of Munroholm**
Sire *Uncle Sam of Linda Vista* 26894. Dam *Norah's Pearl* 55615.
Born Feb. 23, 1917. B. and O.: Thomas H. Munro, Camillus, N. Y.

74056 **Beauty's Lady of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Lady's Beauty of Alfalfa Farms* 48685.
Born Jan. 4, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

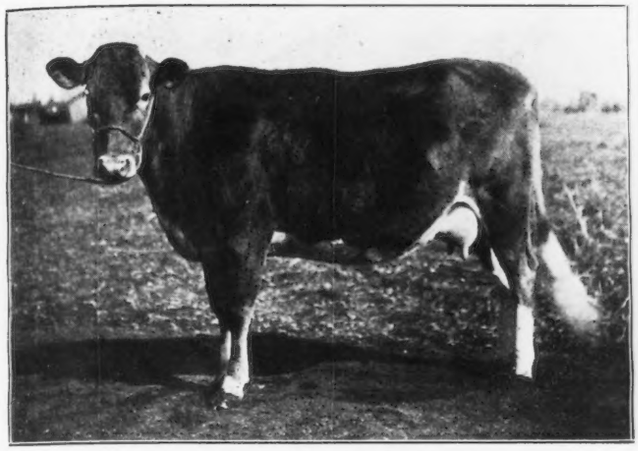
74057 **Gaby Rose of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Gaby of Piedmont* 39419.
Born Feb. 22, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

74058 **Lady May of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Lady Chesterbrook of Ingleside* 23441.
Born April 4, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

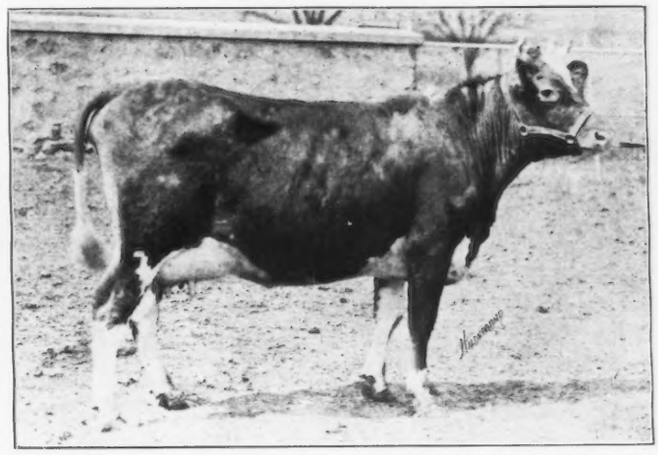
74059 **Marguerite of Overbrook Farms**
Sire *Brooklandwood's King* 33956. Dam *Fern of Overbrook Farms* 57661.
Born Feb. 28, 1917. B. and O.: H. B. Getty, New Windsor, Md.

74060 **Daisy of Overbrook Farms**
Sire *Imp. Milkyway's Masher of Wawa* 14755. Dam *Orchid of Overbrook Farms* 47345.
Born April 19, 1917. B. and O.: H. B. Getty, New Windsor, Md.

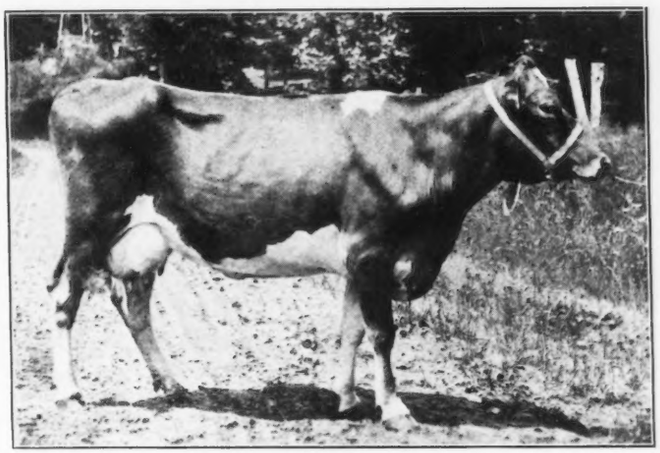
THE ADVANCED REGISTER OF GUERNSEY CATTLE



HOPEFUL LADY 48834
Official year's record: 9466.30 lbs. milk; 562.20 lbs. butter fat.
A. R. 5369

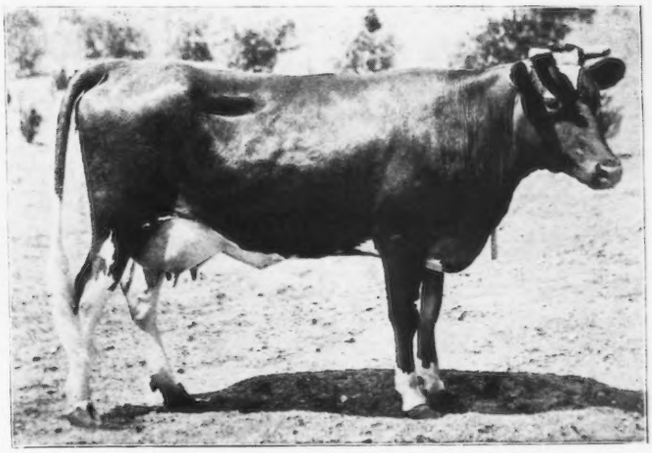


YEKSA'S TOPS OF GOLD'S FANNIE 2d 49103
Official year's record: 13646.50 lbs. milk; 571.75 lbs. butter fat.
A. R. 5373



LADY RIGOLETTE 41923
Official year's record: 8799.50 lbs. milk; 430.93 lbs. butter fat.
A. R. 5400

DUENOTA 2d 31463
Official year's record: 9688.00 lbs. milk; 572.71 lbs. butter fat.
A. R. 5403



GLEN'S CAROLINE OF HOLLOW HILL 49904
Official year's record: 8092.23 lbs. milk; 431.09 lbs. butter fat.
A. R. 5420

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5369 Hopeful Lady 48834

Sire Bijou Lad of Halcyon 17553.
Sire Imp. Bijou's Star 13829 A. R.
Dam Imp. Victime of the Spurs 25517.
Dam Miss Hopeful 18622 A. R. 1322.
Sire Major Lawton 8224 A. R.
Dam Maud Hopeful of Lawton 16148.
Breeder Michigan Agricultural College, East Lansing, Mich.
Owner Michigan Agricultural College, East Lansing, Mich.
Born Nov. 27, 1913. *Calved* Mar. 6, 1916.
Served Mar. 1, 1917.
Requirement for admission: 260.70 lbs. butter fat.
Supervised by Michigan Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Mar. 10, 1916,	718.70	5.91	42.48
Apr., "	1100.80	4.49	49.43
May, "	981.50	6.08	59.68
June, "	904.90	5.07	45.88
July, "	815.30	5.56	45.33
Aug., "	806.20	5.13	41.36
Sept., "	796.50	5.60	44.60
Oct., "	687.80	6.33	43.54
Nov., "	603.20	6.68	40.29
Dec., "	627.60	7.54	47.32
Jan., 1917,	612.00	6.54	40.02
Feb., "	604.40	7.67	46.36
Mar. 9, "	207.40	7.67	15.91
Total	**9466.30**	**5.94 Av.**	**562.20**

Owner's Statement of Feed

Mar.—17 lbs. grain daily of 4 lbs. each bran and ground oats, 6 lbs. Corn Flake Feed, 1.5 lbs. each cottonseed meal and oil meal; 20 lbs. each roots and ensilage, 12 lbs. hay.

Apr.—19.5 lbs. grain daily of 4.5 lbs. each bran and ground oats, 7 lbs. Corn Flake Feed, 1.5 lbs. cottonseed meal, and 2 lbs. oil meal; 20 lbs. each roots and ensilage, 12 lbs. hay.

May—18 lbs. grain daily of 4 lbs. each bran and ground oats, 7 lbs. Corn Flake Feed, 1 lb. cottonseed meal, and 2 lbs. oil meal; 20 lbs. ensilage, 10 lbs. hay.

June—19 lbs. grain daily of 5 lbs. bran, 6 lbs. ground oats, 7 lbs. Corn Flake Feed, and 1 lb. gluten; 25 lbs. ensilage, pasture.

July—18 lbs. grain daily of 5 lbs. bran, 6 lbs. each ground oats and Corn Flake Feed, and 1 lb. gluten; 4 lbs. beet pulp, 25 lbs. ensilage, pasture.

Aug.—15 lbs. grain daily of 3 lbs. bran, 5 lbs. ground oats, 7 lbs. Corn Flake Feed; 4 lbs. each beet pulp and alfalfa, 20 lbs. ensilage, pasture.

Sept.—19 lbs. grain daily of 6 lbs. bran, 3 lbs. ground oats, 9 lbs. Corn Flake Feed, and 1 lb. oil meal; 20 lbs. ensilage, 8 lbs. alfalfa.

Oct.—19.5 lbs. grain daily of 9 lbs. bran, 3 lbs. ground oats, 6 lbs. Corn Flake Feed, and 1.5 lbs. oil meal; 25 lbs. ensilage, 8 lbs. hay.

Nov.—21 lbs. grain daily of 6¾ lbs. bran, 3¼ lbs. ground oats, 10 lbs. Corn Flake Feed, and 1 lb. oil meal; 25 lbs. ensilage, 8 lbs. hay.

Dec.—Same ration as given in November.

Jan.—20 lbs. grain daily of 6 lbs. bran, 3 lbs. ground oats, 10 lbs. Corn Flake Feed, and 1 lb. oil meal; 25 lbs. ensilage, 8 lbs. mixed hay.

Feb.—21 lbs. grain daily of 6¾ lbs. bran, 3¼ lbs. ground oats, 8 lbs. Corn Flake Feed, 2 lbs. gluten, and 1 lb. oil meal; 25 lbs. ensilage, 8 lbs. hay.

Mar.—Same ration as given in February.

5370 Sweet Alice of Norwood 31423

Sire Imp. Spotswood's Rival 8346 A. R.
Sire Imp. Rival of Spotswood 8839.
Dam Imp. Itchen Lady 2d 15194.
Dam Sweet Alice King of Norwood 19897.
Sire Strong Anchor 5849 A. R.
Dam Sweet Alice King 11873.
Breeder P. H. McCormick, Bel Air, Md.
Owner Frank E. Swan, Wauwatosa, Wis.
Born Nov. 11, 1908. *Calved* Mar. 7, 1916.
Served Nov. 12, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Mar. 19, 1916,	566.30	4.05	22.94
Apr., "	1598.30	4.05	64.73
May, "	1567.60	4.05	63.49
June, "	1243.80	4.29	53.36
July, "	1156.30	4.04	46.71
Aug., "	1036.10	4.56	47.25
Sept., "	969.40	5.03	48.76
Oct., "	982.50	5.35	52.56
Nov., "	886.80	5.15	45.67
Dec., "	884.20	5.74	50.75
Jan., 1917,	809.10	5.67	45.88
Feb., "	700.50	5.78	40.49
Mar. 18, "	436.40	5.78	25.22
Total	**12837.30**	**4.73 Av.**	**607.81**

Owner's Statement of Feed

Mar.—14 lbs. grain daily of 1 part each bran, middlings, and ground oats and 1.5 parts Ajax Flakes; 28 lbs. beets, 35 to 40 lbs. ensilage, alfalfa.

Apr.—Same ration as given in March.

May—16.5 lbs. grain daily of 1 part each bran, middlings, and ground oats, 1.5 parts Ajax Flakes, and .5 part oil meal; 28 lbs. beets to the 19th, 35 to 40 lbs. ensilage, alfalfa, pasture from the 20th.

June—12 lbs. grain daily of 1 part each bran, middlings, ground oats, and Ajax Flakes and .5 part oil meal; 35 lbs. ensilage, alfalfa and pasture.

July—12 lbs. grain daily of the following mixture: 10 lbs. each bran and ground oats, 8 lbs. middlings, 12 lbs. Distillers' Grains, 4 lbs. oil meal; 30 to 35 lbs. ensilage, alfalfa and pasture.

Aug.—10.5 lbs. grain daily of the following mixture: 10 lbs. each bran and ground oats, 15 lbs. Distillers' Grains, 3.5 lbs. oil meal; 35 to 40 lbs. ensilage, alfalfa and pasture.

Sept.—12 lbs. grain daily of the following mixture: 100 lbs. each bran and whole oats, 200 lbs. Distillers' Grains, 40 lbs. oil meal; 35 to 40 lbs. ensilage, alfalfa.

Oct.—6 lbs. grain daily of 1 lb. each bran, White Cross Stock Feed, and linseed meal and 3 lbs. Distillers' Grains; 6 lbs. beets, 12 lbs. ensilage, alfalfa.

Nov.—Same ration as given in October.

Dec.—15 lbs. grain daily of 3 lbs. each bran, White Cross Stock Feed, and oil meal and 6 lbs. Distillers' Grains; 15 lbs. beets, 20 lbs. ensilage, alfalfa.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

5371 Tricksey of Maple Heights 52447

Sire Billy of Paradise Spring City 21162 A. R.
Sire Imp. Billy II. of Paradise 15328 A. R.
Dam Lilly May Rose 2d 21700 A. R. 2804.
Dam Tricksey of Sunny Valley 22417.
Sire Lord Waukesha 10148 A. R.
Dam Derilius's Tricksey 19015.
Breeder Frank E. Swan, Wauwatosa, Wis.
Owner Frank E. Swan, Wauwatosa, Wis.
Born Feb. 22, 1914. *Calved* Mar. 11, 1916.
Served Aug. 24, 1916.
Requirement for admission: 252.90 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Mar. 19, 1916,	332.00	5.12	17.00
Apr., "	880.10	5.12	45.06
May, "	796.90	5.12	40.80
June, "	700.30	5.50	38.52
July, "	635.60	5.10	32.42
Aug., "	571.30	5.58	31.88
Sept., "	553.20	6.16	34.08
Oct., "	542.80	6.50	35.28
Nov., "	589.70	6.80	40.10
Dec., "	633.60	6.78	42.96
Jan., 1917,	590.60	7.26	42.88
Feb., "	515.80	7.32	37.76
Mar. 18, "	317.10	7.32	23.21
Total	**7659.00**	**6.03 Av.**	**461.95**

Owner's Statement of Feed

Mar.—2 lbs. grain daily of equal parts bran and middlings, then 6 lbs. of 1 part each bran, middlings, and ground oats and .25 part each gluten and oil meal; 20 lbs. beets, 30 lbs. ensilage, alfalfa.

Apr.—12 lbs. grain daily of 1 part each bran, middlings, ground oats, and Ajax Flakes and .25 part oil meal; 24 lbs. beets, 30 lbs. ensilage, alfalfa.

May—10 lbs. grain daily same mixture as April; 24 lbs. beets to the 19th, 30 lbs. ensilage, pasture from 20th, alfalfa.

June—9 lbs. grain daily same mixture as April; 30 lbs. ensilage, alfalfa and pasture.

July—9 lbs. grain daily of the following mixture: 10 lbs. each bran and ground oats, 8 lbs. middlings, 12 lbs. Distillers' Grains, 4 lbs. oil meal; 25 to 30 lbs. ensilage, alfalfa and pasture.

Aug.—7.5 lbs. grain daily of the following mixture: 10 lbs. each bran and ground oats, 15 lbs. Distillers' Grains, 3.5 lbs. oil meal: 30 to 35 lbs. ensilage, alfalfa and pasture.

Sept.—9 lbs. grain daily of the following mixture: 100 lbs. each bran and whole oats, 200 lbs. Distillers' Grains, 40 lbs. oil meal; 35 to 40 lbs. ensilage, alfalfa.

Oct.—4 lbs. grain daily of equal parts bran, White Cross Stock Feed, Distillers' Grains, and linseed meal; 6 lbs. beets, 12 lbs. ensilage, alfalfa.

Nov.—Same ration as given in October.

Dec.—12 lbs. grain daily of equal parts bran, White Cross Stock Feed, Distillers' Grains, and oil meal; 15 lbs. beets, 20 lbs. ensilage, alfalfa.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

5372 Pearl of Maple Heights 52449

Sire Billy of Paradise Spring City 21162 A. R.
Sire Imp. Billy II. of Paradise 15328 A. R.
Dam Lilly May Rose 2d 21700 A. R. 2804.
Dam Little Gem's Pearl 21459 A. R. 1498.
Sire Gypson's Count 8125 A. R.
Dam Little Gem 12204.
Breeder Frank E. Swan, Wauwatosa, Wis.
Owner Frank E. Swan, Wauwatosa, Wis.
Born Mar. 26, 1914. *Calved* Mar. 23, 1916.
Served Oct. 26, 1916.
Requirement for admission: 250.90 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Mar. 31, 1916,	26.60	4.02	1.07
Apr., "	880.90	4.02	35.41
May, "	797.20	4.02	32.05
June, "	676.00	4.22	28.53
July, "	659.10	4.22	27.81
Aug., "	685.40	4.20	28.79
Sept., "	640.30	4.88	31.25
Oct., "	564.10	4.80	27.08
Nov., "	530.30	4.88	25.88
Dec., "	639.80	4.92	31.48
Jan., 1917,	597.20	5.13	30.64
Feb., "	516.70	4.92	25.42
Mar. 30, "	498.10	5.06	25.20
Total	**7711.70**	**4.55 Av.**	**350.61**

Owner's Statement of Feed

Mar.—No record given.

Apr.—Equal parts bran and ground oats daily to the 5th, then 10 lbs. daily of 1 part each bran, middlings, ground oats, and Ajax Flakes and .25 part oil meal; 24 lbs. beets, 30 lbs. ensilage, alfalfa.

May—11 lbs. grain daily same mixture as last of April; 24 lbs. beets to the 20th, 30 lbs. ensilage, alfalfa, pasture from the 20th.

June—Equal parts bran and middlings, then 12 lbs. daily of 1 part each bran, middlings, and ground oats and .25 part each gluten and oil meal; 28 lbs. roots, 35 to 40 lbs. ensilage, alfalfa.

July—9 lbs. grain daily of the following mixture: 10 lbs. each bran and ground oats, 8 lbs. middlings, 12 lbs. Distillers' Grains, 4 lbs. oil meal; 25 to 30 lbs. ensilage, alfalfa and pasture.

Aug.—7.5 lbs. grain daily of the following mixture: 10 lbs. each bran and ground oats, 15 lbs. Distillers' Grains, 3.5 lbs. oil meal; 30 to 35 lbs. ensilage, alfalfa and pasture.

Sept.—9 lbs. grain daily of the following mixture: 100 lbs. each bran and whole oats, 200 lbs. Distillers' Grains, 40 lbs. oil meal; 35 to 40 lbs. ensilage, alfalfa.

Oct.—4 lbs. grain daily of 1 lb. each bran, White Cross Stock Feed, Distillers' Grains, and linseed meal; 6 lbs. beets, 12 lbs. ensilage, alfalfa.

Nov.—Same ration as given in October.

Dec.—12 lbs. grain daily of 3 lbs. each bran and oil meal and 6 lbs. Distillers' Grains; 15 lbs. beets, 20 lbs. ensilage, alfalfa.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

5373 Yeksa's Tops of Gold's Fannie 2d 49103

Sire Baron of Sarnia 20687.
Sire Selma's Glenwood 12596 A. R.
Dam Mernaline 28173 A. R. 1837.
Dam Yeksa's Tops of Gold's Fannie 22362 A. R. 2394.
Sire Lord Yeksa 6451 A. R.
Dam Tops of Gold's Fannie 22358.
Breeder William M. Jones, Waukesha, Wis.
Owner William M. Jones, Waukesha, Wis.
Born Dec. 21, 1913. *Calved* Mar. 21, 1916.
Requirement for admission: 259.70 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Mar. 24, 1916,	285.70	4.51	12.89
Apr., "	1401.00	4.51	63.19
May, "	1392.80	3.67	51.12
June, "	1325.00	3.77	49.95
July, "	1075.50	4.86	52.27
Aug., "	997.90	3.72	37.12
Sept., "	1092.30	3.80	41.51
Oct., "	1139.40	4.13	47.06
Nov., "	1068.20	4.76	50.85
Dec., "	1112.00	4.36	48.48
Jan., 1917,	1094.70	4.09	44.77
Feb., "	917.90	4.40	40.39
Mar. 23, "	744.10	4.32	32.15
Total	**13646.50**	**4.19 Av.**	**571.75**

Owner's Statement of Feed

Mar.—10 lbs. grain daily of 4 lbs. each ground oats and Ajax Flakes and 2 lbs. oil meal; 8 lbs. beet pulp, 18 lbs. roots, 10 lbs. ensilage, alfalfa.

Apr.—14 lbs. grain daily of 2 lbs. each bran and oil meal, 4 lbs. ground oats, 6 lbs. Ajax Flakes; 8 lbs. beet pulp, 18 lbs. roots, 10 lbs. ensilage, alfalfa.

May—12 lbs. grain daily of 2 lbs. each bran and oil meal and 4 lbs. each ground oats and Dewey's Grains; 12 lbs. each beet pulp and ensilage, alfalfa.

June—Same ration as given in May.

July—9 lbs. grain daily of 1.5 lbs. each bran and oil meal and 3 lbs. each ground oats and Dewey's Grains; 9 lbs. each beet pulp and ensilage, alfalfa.

Aug.—8.1 lbs. grain daily of 3 lbs. each bran and ground oats and 2.1 lbs. oil meal; 9 lbs. each beet pulp and ensilage, alfalfa.

Sept.—15.6 lbs. grain daily of 3 lbs. each bran and ground oats, 1.5 lbs. corn meal, 6 lbs. Dewey's Grains, and 2.1 lbs. oil meal; 9 lbs. each beet pulp, roots, ensilage, and alfalfa.

Oct.—12.6 lbs. grain daily of 1.5 lbs. bran, 3 lbs. ground oats, 6 lbs. Dewey's Grains, and 2.1 lbs. oil meal; 9 lbs. each beet pulp and ensilage, 15 lbs. roots, alfalfa and clover hay.

Nov.—9 to 12 lbs. grain daily of 1.5 to 2 lbs. each bran, corn meal, ground oats, and oil meal and 3 to 4 lbs. Dewey's Grains; 9 to 12 lbs. each beet pulp and ensilage, 12 to 16 lbs. roots, alfalfa.

Dec.—12 lbs. grain daily of 2 lbs. each bran, corn meal, ground oats, and oil meal and 4 lbs. Dewey's Grains; 12 lbs. each beet pulp and ensilage, 20 lbs. roots, alfalfa.

Jan.—14 lbs. grain daily of 2 lbs. each bran, hominy, ground oats, cottonseed meal, and oil meal and 4 lbs. Dewey's Grains; 12 lbs. each beet pulp and ensilage, 20 lbs. roots, alfalfa.

Feb.—Same grain ration as January; 20 lbs. roots, 12 lbs. ensilage, alfalfa.

Mar.—12 lbs. grain daily of 2 lbs. each bran, ground oats, and oil meal and 6 lbs. Dewey's Grains; 24 lbs. roots, 12 lbs. ensilage, alfalfa.

5374 Royaline's Dora 2d 50836

Sire Lord Waukesha 10148 A. R.
Sire Lord Yeksa 6451 A. R.
Dam Rubina T. 6223.
Dam Royaline's Dora 17375 A. R. 1380.
Sire Royaline 2d's Boy 6141 A. R.
Dam Tristan's Dora 13310 A. R. 1239.
Breeder William M. Jones, Waukesha, Wis.
Owner William M. Jones, Waukesha, Wis.
Born Jan. 25, 1914. *Calved* Mar. 17, 1916.
Served Oct. 6, 1916.
Requirement for admission: 255.90 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Mar. 21, 1916,	409.50	4.74	19.41
Apr., "	1284.90	4.74	60.91
May, "	1242.40	4.56	56.65
June, "	1165.40	4.83	56.29
July, "	985.30	4.64	45.72
Aug., "	888.70	4.66	41.41
Sept., "	902.60	5.18	46.75
Oct., "	895.30	5.68	50.85
Nov., "	818.20	5.56	45.49
Dec., "	890.70	5.72	50.95
Jan., 1917,	880.40	5.62	49.48
Feb., "	746.90	6.05	45.19
Mar. 20, "	538.30	6.05	32.57
Total	**11648.60**	**5.17 Av.**	**601.67**

Owner's Statement of Feed

Mar.—10 lbs. grain daily of 4 lbs. each ground oats and Ajax Flakes and 2 lbs. oil meal; 8 lbs. beet pulp, 18 lbs. roots, 10 lbs. ensilage, alfalfa.

Apr.—12 lbs. grain daily of 2 lbs. each bran, corn meal, ground oats, and oil meal and 4 lbs. Ajax Flakes; 8 lbs. each beet pulp and ensilage, 18 lbs. roots, alfalfa.

May—14 lbs. grain daily of 2 lbs. each bran, corn meal, and oil meal and 4 lbs. each ground oats and Dewey's Grains; 12 lbs. each beet pulp and ensilage, alfalfa.

June—Same ration as given in May.

July—10.5 lbs. grain daily of 1.5 lbs. each bran, corn meal, and oil meal and 3 lbs. each ground oats and Dewey's Grains; 9 lbs. each beet pulp and ensilage, alfalfa.

Aug.—12 lbs. grain daily of 1.5 lbs. corn meal, 3 lbs. each ground oats and Dewey's Grains, 4.5 lbs. Schumacher Feed; 9 lbs. each beet pulp and ensilage, alfalfa.

Sept.—14.1 lbs. grain daily of 4.5 lbs. each bran and Dewey's Grains, 3 lbs. ground oats, and 2.1 lbs. oil meal; 9 lbs. each beet pulp, roots, and ensilage, alfalfa.

Oct.—14.1 lbs. grain daily of 4.5 lbs. each bran and Dewey's Grains, 3 lbs. ground oats, and 2.1 lbs. oil meal; 9 lbs. each beet pulp and ensilage, 15 lbs. roots, alfalfa and clover hay.

Nov.—9 to 12 lbs. grain daily of 1.5 to 2 lbs. each bran, corn meal, ground oats, and oil meal and 3 to 4 lbs. Dewey's Grains; 9 to 12 lbs. each beet pulp and ensilage, 12 to 16 lbs. roots, alfalfa.

Dec.—12 lbs. grain daily of 2 lbs. each bran, corn meal, ground oats, and oil meal and 4 lbs. Dewey's Grains; 12 lbs. each beet pulp and ensilage, 20 lbs. roots, alfalfa.

Jan.—14 lbs. grain daily of 2 lbs. each bran, hominy, ground oats, cottonseed meal, and oil meal and 4 lbs. Dewey's Grains; 12 lbs. each beet pulp and ensilage, 20 lbs. roots, alfalfa.

Feb.—Same grain ration as January; 20 lbs. each roots and ensilage, alfalfa.

Mar.—12 lbs. grain daily of 2 lbs. each bran, hominy, ground oats, and oil meal and 4 lbs. Dewey's Grains; 24 lbs. roots, 12 lbs. ensilage, alfalfa.

5375 Augusta of New Castle 37197

Sire Imp. Governor of le Briquet 14832 A. R.
Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Dam Cherry of the Briquet R. G. A. S. 2720 F. S.
Dam Imp. Muzette 3d 20556.
Sire Freedom Sly 1662 E. G. H. B.
Dam Muzette 2d 5595 E. G. H. B., Muzette VIII. R. G. A. S. 4642 P. S.
Breeder Winthrop Cowdin, Mount Kisco, N. Y.
Owner William F. Gable, Wyebrooke, Pa.
Sold July 1, 1916 to Delaware College, Newark, Del.
Born Sept. 24, 1910. *Calved* Jan. 28, 1916.
Served Aug. 3, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Pennsylvania and Delaware Agricultural Experiment Stations.

Official Year's Record, Class A

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb. 2, 1916,	1030.70	4.81	49.58
Mar., "	1144.80	4.31	49.34
Apr., "	1037.60	4.61	47.83
May, "	1021.70	5.05	51.60
June, "	859.80	4.80	41.27
July, "	738.30	4.89	36.10
Aug., "	709.30	5.36	38.02
Sept., "	612.30	5.44	33.31
Oct., "	619.20	5.20	32.20
Nov., "	588.20	5.42	31.88
Dec., "	603.70	5.36	32.36
Jan., 1917,	540.00	5.30	28.62
Feb. 1, "	17.00	5.30	.90
Total	**9522.60**	**4.97 Av.**	**473.01**

Owner's Statement of Feed

Feb.—17 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, 10 lbs. Union Grains, and 1 lb. oil meal; 2 lbs. beet pulp, ensilage and hay.

Mar.—15 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, 8 lbs. Union Grains, and 1 lb. oil meal; ensilage, alfalfa, and hay.

Apr.—15 lbs. grain daily of 6 lbs. bran, 7 lbs. Union Grains, and 2 lbs. oil meal; ensilage and hay.

May—14.5 lbs. grain daily of 6 lbs. bran, 7.5 lbs. Union Grains, and 1 lb. oil meal; hay with pasture after the 14th.

June—15 lbs. grain daily of equal parts bran and Union Grains; green feed.

July—13 lbs. grain daily of 7 lbs. bran and 6 lbs. Union Grains; green clover and alfalfa.

Aug.—8.95 lbs. grain daily of 2.75 lbs. each bran and hominy, 1.38 lbs. gluten feed, .69 lb. each gluten meal, cottonseed meal, and oil meal; 6.06 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.

Sept.—Same ration as given in August.
Oct.—Same ration as given in August.
Nov.—Same ration as given in August.
Dec.—Same ration as given in August.
Jan.—Same ration as given in August.
Feb.—Same ration as given in August.

5376 Bonnie's Bloom 33148

Sire Mate o' Bloom 12653 A. R.
Sire Messmate 7529 A. R.
Dam Questa 11385.
Dam Begalore's Beauty 23669 A. R. 4686.
Sire Begalore 10101 A. R.
Dam Bonnie Belle of Locust Lane 21720.
Breeder William F. Gable, Wyebrooke, Pa.
Owner William F. Gable, Wyebrooke, Pa.
Sold July 1, 1916 to Delaware College, Newark, Del.
Born Mar. 11, 1910. *Calved* Feb. 5, 1916.
Served Sept. 18, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Pennsylvania and Delaware Agricultural Experiment Stations.

Official Year's Record, Class A

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb. 17, 1916.	475.90	5.00	23.80
Mar., "	1265.00	5.00	63.25
Apr., "	1150.60	4.73	54.42
May, "	1137.40	5.15	58.58
June, "	986.30	4.86	47.93
July, "	828.10	5.25	43.48
Aug., "	814.90	4.89	39.85
Sept., "	736.00	5.07	37.32
Oct., "	746.30	4.96	37.02
Nov., "	672.40	5.17	34.76
Dec., "	740.00	4.90	36.26
Jan., 1917,	741.10	4.49	33.28
Feb. 16, "	369.60	5.67	20.96
Total	**10663.60**	**4.98 Av.**	**530.91**

Owner's Statement of Feed

Feb.—13 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, 6 lbs. Union Grains, and 1 lb. oil meal; 2 lbs. beet pulp, ensilage and alfalfa.

Mar.—15 lbs. grain daily of 4 lbs. bran, 3 lbs. ground oats, 7 lbs. Union Grains, and 1 lb. oil meal; ensilage and alfalfa.

Apr.—13.75 lbs. grain daily of 8 lbs. bran, 5 lbs. Union Grains, and .75 lb. oil meal; ensilage and hay.

May—14.75 lbs. grain daily of 6 lbs. bran, 8 lbs. Union Grains, and .75 lb. oil meal; hay, pasture after the 14th.

June—15 lbs. grain daily of 6 lbs. bran, 8 lbs. Union Grains, and 1 lb. oil meal; green feed.

July—11.5 lbs. grain daily of 5.5 lbs. bran and 6 lbs. Union Grains; green alfalfa and clover.

Aug.—8.95 lbs. grain daily of 2.75 lbs. each bran and hominy, 1.38 lbs. gluten feed, .69 lb. each gluten meal, cottonseed meal, and oil meal; 6.06 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.

Sept.—Same ration as given in August.
Oct.—Same ration as given in August.
Nov.—Same ration as given in August.
Dec.—Same ration as given in August.
Jan.—Same ration as given in August.
Feb.—Same ration as given in August.

5377 Lelah Rosebud 40048

Sire Charles the Bold 10151 A. R.
Sire Imp. Villette Prince 9090 A. R.
Dam Imp. Dodie 16923 A. R. 262.
Dam Lelah Bell 16845 A. R. 1974.
Sire Rubina's Golden Prince 6351.
Dam Funa 8055.
Breeder Heller Brothers, Calumetville, Wis.
Owner Armand P. Rather, Peebles, Wis.
Born Nov. 23, 1910. *Calved* Feb. 22, 1916.
Served July 18, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb. 25, 1916,	160.10	4.91	7.86
Mar., "	1138.60	4.91	55.91
Apr., "	1083.20	4.46	48.31
May, "	1120.90	4.35	48.76
June, "	977.60	5.13	50.15
July, "	932.00	4.83	45.02
Aug., "	848.20	4.65	39.44
Sept., "	635.00	4.69	29.78
Oct., "	587.10	5.31	31.18
Nov., "	421.80	5.53	23.33
Dec., "	365.70	5.43	19.86
Jan., 1917,	340.80	5.58	19.02
Feb. 24, "	220.40	7.07	15.58
Total	**8831.40**	**4.92 Av.**	**434.20**

Owner's Statement of Feed

Feb.—2 to 5 lbs. bran daily; ensilage and alfalfa.
Mar.—10 to 12 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 125 lbs. Ajax Flakes; 3 lbs. beet pulp, ensilage and alfalfa.
Apr.—12 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 125 lbs. Ajax Flakes; .5 pt. molasses, 3 lbs. beet pulp, ensilage and alfalfa.
May—Same ration as April to the 21st, then 10 lbs. grain daily; ensilage and pasture.
June—Same grain ration as given in April; .5 pt. molasses, alfalfa and pasture.
July—10 lbs. grain daily of equal parts bran, ground oats, and Ajax Flakes; .5 pt. molasses, ensilage after the 15th, alfalfa and pasture.
Aug.—Same grain ration as July; 25 lbs. ensilage, 4 lbs. alfalfa, pasture.
Sept.—8 lbs. grain daily, to the 14th of equal parts bran, ground oats, and Ajax Flakes, then of equal parts bran and ground oats; alfalfa and pasture.
Oct.—8 lbs. grain daily of 3 lbs. bran, 2 lbs. each hominy and Ajax Flakes, and 1 lb. ground oats; ensilage after the 10th, alfalfa and pasture.
Nov.—7 lbs. grain daily of 2 lbs. each bran and ground oats and 3 lbs. Ajax Flakes; 3 lbs. beet pulp, ensilage, corn stover, and alfalfa.
Dec.—8 lbs. grain daily of 3 lbs. each bran and Ajax Flakes and 2 lbs. ground oats; same roughage as November.
Jan.—7 lbs. grain daily of 3 lbs. bran, 1.5 lbs. ground oats, and 2.5 lbs. Ajax Flakes; ensilage, corn stover, and alfalfa.
Feb.—6 to 4 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each ground corn and ground oats, 200 lbs. beet pulp; ensilage and alfalfa.

5378 Sunshine of Follyland 39495

Sire Masher's Chilwick 15129 A. R.
Sire Golden Masher 10464 A. R.
Dam Lenore of Chilmark 20614 A. R. 826.
Dam Shine of Maple Farm 25359.
Sire Frederick of Meadow Farm 10096 A. R.
Dam Shine 12716.
Breeder I. C. Blandy, Greenwich, N. Y.
Owner James H. Seaman, Glens Falls, N. Y.
Born Nov. 26, 1911. *Calved* Feb. 26, 1916.
Served Aug. 16, 1916.
Requirement for admission: 332.80 lbs. butter fat.
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, New York.

Official Year's Record, Class C

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb. 28, 1916,	52.00	4.78	2.49
Mar., "	1335.20	4.78	63.82
Apr., "	1243.30	4.78	59.43
May, "	1254.90	5.04	63.25
June, "	1017.50	4.46	45.38
July, "	889.80	5.03	44.76
Aug., "	783.60	4.81	37.69
Sept., "	688.40	5.19	35.73
Oct., "	543.50	5.19	28.21
Nov., "	355.90	5.57	19.82
Dec., "	310.90	5.34	16.60
Jan., 1917,	304.30	5.24	15.95
Feb. 27, "	247.10	5.79	14.31
Total	**9026.40**	**4.96 Av.**	**447.44**

Owner's Statement of Feed

Feb.—6.5 lbs. grain daily of 3 lbs. each bran and ground oats and .5 lb. oil meal; 10 lbs. each ensilage and hay.
Mar.—7 lbs. grain daily to the 14th of 3 lbs. each bran and ground oats and 1 lb. oil meal; 10 lbs. each ensilage and hay, then 11.5 lbs. of the following mixture: 100 lbs. hominy, 150 lbs. ground oats, 200 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 15 lbs. ensilage, 10 lbs. hay.
Apr.—12 lbs. grain daily same mixture as last of March; 12 lbs. each ensilage and green clover, 5 lbs. hay.
May—12 to 14 lbs. grain daily same mixture as last of March to the 14th, then of the following mixture: 50 lbs. each bran, hominy, and oil meal, 160 lbs. Ajax Flakes, 40 lbs. cottonseed meal; 8 lbs. ensilage, 12 lbs. green clover.
June—15 lbs. grain daily same mixture as last of May; 15 lbs. green oats and peas, 10 lbs. alfalfa.
July—9 lbs. grain daily of the following mixture: 50 lbs. each bran, hominy, cottonseed meal, and oil meal, 160 lbs. Ajax Flakes; 12 lbs. clover hay, 8 lbs. oat, pea, and clover ensilage.
Aug.—10 lbs. grain daily of the following mixture: 50 lbs. each bran, corn meal or hominy, and oil meal, 160 lbs. Ajax Flakes, 40 lbs. cottonseed meal; 10 lbs. alfalfa, pasture.
Sept.—10 lbs. grain daily of the following mixture: 50 lbs. each bran, hominy, and oil meal, 160 lbs. Ajax Flakes, 40 lbs. cottonseed meal; 10 lbs. clover hay.
Oct.—Same grain ration as September with 50 lbs. corn meal or gluten in place of hominy; 15 lbs. clover hay to the 25th, then 12 lbs. ensilage and 15 lbs. alfalfa.
Nov.—10 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and oil meal, 320 lbs. Ajax Flakes, 180 lbs. cottonseed meal; 20 lbs. ensilage, 15 lbs. clover hay.
Dec.—8 to 9 lbs. grain daily same mixture as November; 18 lbs. ensilage, 12 lbs. clover hay.
Jan.—8 lbs. grain daily of the following mixture: 320 lbs. Ajax Flakes, 100 lbs. each gluten, cottonseed meal, cocoanut meal, oil meal, and peanut meal; 18 lbs. ensilage, 15 lbs. clover hay.
Feb.—6 lbs. grain daily same mixture as January; 18 lbs. ensilage, 15 lbs. clover hay.

5379 Vashon France 41080

Sire France's Monarch 15868.
Sire Imp. France's Jewel V. 11396 A. R.
Dam Comus Queenie 22399 A. R. 1472.
Dam Treynore's Sarnia Vauxbelets 16964.
Sire Treynore 3523 A. R.
Dam Sarnia Vauxbelets 6224.
Breeder A. H. Burdick, Tomah, Wis.
Owner O. W. Lehmann, Lake Villa, Ill.
Born Feb. 3, 1912. *Calved* Apr. 20, 1916.
Served Dec. 21, 1916.
Requirement for admission: 332.10 lbs. butter fat.
Supervised by Illinois Agricultural Experiment Station.

Official Year's Record, Class C

	Milk lbs.	Butter Fat %	Butter Fat lbs.
May 1, 1916,	1112.50	4.82	53.62
June, "	921.30	4.31	39.71
July, "	831.80	3.96	32.94
Aug., "	742.70	4.81	35.72
Sept., "	605.50	5.58	33.79
Oct., "	649.70	4.61	29.95
Nov., "	581.00	5.35	31.08
Dec., "	568.20	4.89	27.78
Jan., 1917,	562.90	5.66	31.86
Feb., "	482.30	4.31	20.79
Mar., "	553.90	5.10	28.25
Apr. 30, "	545.80	5.09	27.78
Total	**8157.60**	**4.82 Av.**	**393.27**

Owner's Statement of Feed

May—14 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. Empire Dairy Feed, 700 lbs. Schumacher Feed, 100 lbs. gluten; alfalfa.
June—12 lbs. grain daily of the following mixture: 200 lbs. bran, 400 lbs. Schumacher Feed, 100 lbs. gluten; pasture.
July—Same ration as given in June.
Aug.—12 lbs. grain daily of the following mixture: 500 lbs. each bran and Schumacher Feed, 200 lbs. each Ajax Flakes and gluten; alfalfa.
Sept.—8 lbs. grain daily same mixture as August; ensilage and pasture.
Oct.—8 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each Ajax Flakes and gluten, 500 lbs. Schumacher Feed; ensilage and pasture.
Nov.—Same grain ration as October; 30 lbs. ensilage, alfalfa.
Dec.—Same grain ration as October; ensilage and alfalfa.
Jan.—8 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, alfalfa.
Feb.—Same ration as given in January.
Mar.—Same ration as given in January.
Apr.—Same ration as given in January.

5380 Daisy of Ulao 2d 42435

Sire Philip's O. K. 12892.
Sire Two Creeks 8648 A. R.
Dam Philip's Favorite 11981.
Dam Daisy of Ulao 33860.
Sire Philip's O. K. 12892.
Dam Lilly Verandess 29234.
Breeder R. & F. Clausing, Port Washington, Wis.
Owner George W. Browne, Waukesha, Wis.
Born May 30, 1912. *Calved* Mar. 16, 1916.
Served Oct. 13, 1916.
Requirement for admission: 316.40 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class D

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Mar. 21, M., 1916,	315.00	4.78	15.06
Apr., "	1132.50	4.78	54.13
May, "	1088.50	4.42	48.11
June, "	951.90	5.17	49.21
July, "	953.10	4.83	46.03
Aug., "	964.90	4.84	46.70
Sept., "	915.90	5.07	46.44
Oct., "	855.40	5.83	49.87
Nov., "	731.40	5.31	38.84
Dec., "	745.00	5.95	44.33
Jan., 1917,	690.20	5.91	40.79
Feb., "	570.30	5.98	34.10
Mar. 21, A. M., "	386.60	5.98	23.12
Total	**10300.70**	**5.21 Av.**	**536.73**

Owner's Statement of Feed

Mar.—6 lbs. grain daily of the following mixture: 200 lbs. each bran, ground barley, and Ajax Flakes, 100 lbs. oil meal; 25 lbs. ensilage, timothy hay.
Apr.—16.5 lbs. grain daily of the following mixture: 30 lbs. each bran, corn meal, ground barley, and Schumacher Feed, 46 lbs. each Ajax Flakes and oil meal, 100 lbs. Unicorn Dairy Ration; timothy hay to the 20th, then alfalfa.
May—Same grain ration as April; 19.5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.
June—Same grain ration as April; 25 lbs. ensilage, green and dry alfalfa.
July—16.5 lbs. grain daily of the following mixture: 30 lbs. bran, 50 lbs. each corn meal, hominy, Ajax Flakes, D. D. D. Grains, and oil meal, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, green and dry alfalfa.
Aug.—16.5 lbs. grain daily of the following mixture: 30 lbs. each bran, hominy, and D. D. D. Grains, 46 lbs. each Ajax Flakes and oil meal, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, alfalfa.
Sept.—Same grain ration as August; 25 lbs. ensilage, 8 stalks of green corn, alfalfa.
Oct.—16.5 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 125 lbs. each Ajax Flakes and oil meal, 300 lbs. Unicorn Dairy Ration; 10 lbs. roots, 25 lbs. ensilage, clover and alfalfa.
Nov.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and D. D. D. Grains, 150 lbs. each hominy and oil meal, 125 lbs. Ajax Flakes, 300 lbs. Unicorn Dairy Ration; 4.5 lbs. beet pulp, 30 lbs. ensilage, alfalfa.
Dec.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and oil meal, 150 lbs. hominy, 125 lbs. each Ajax Flakes and D. D. D. Grains, 200 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal; 4.5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.
Jan.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, D. D. D. Grains, and oil meal, 150 lbs. hominy, 300 lbs. Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 50 lbs. cottonseed meal; 24 lbs. ensilage, clover and alfalfa.
Feb.—Same grain ration as January; 12 lbs. ensilage, clover and alfalfa.
Mar.—Same ration as given in February.

5381 Imp. Monogram's Anneville Maid 34083

Sire Imp. Sequel's Monogram 15649 A. R.
Sire Imp. Masher's Sequel 11462 A. R.
Dam France's Honoria R. G. A. S. 4670 P. S.
Dam Imp. Dairy Maid VI. of Anneville 29369.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Dairy Maid I. of Anneville R. G. A. S. 2675 F. S.
Breeder Alfred Le Patourel, Island of Guernsey.
Owner W. S. McBane, East Liverpool, Ohio.
Born June 27, 1910. *Calved* June 2, 1916.
Served Dec. 4, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Ohio State University, Columbus, Ohio.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
June	3, 1916,	958.40	4.18	40.06
July,	"	1069.90	4.29	45.90
Aug.,	"	985.20	3.89	38.32
Sept.,	"	831.60	4.84	40.25
Oct.,	"	769.50	5.27	40.55
Nov.,	"	681.70	5.20	35.45
Dec.,	"	634.50	6.14	38.96
Jan.,	1917,	659.40	5.50	36.27
Feb.,	"	558.00	6.00	33.48
Mar.,	"	634.30	5.25	33.30
Apr.,	"	609.50	4.85	29.56
May,	"	598.10	5.96	35.65
June	2, "	40.00	5.96	2.38
Total		**9030.10**	**4.98 Av.**	**450.13**

Owner's Statement of Feed

June—250.5 lbs. grain: 151.5 lbs. Larro-Feed, 99 lbs. Unicorn Dairy Ration; 6 lbs. ensilage, 14 lbs. hay, pasture.

July—310 lbs. grain: 298 lbs. Larro-Feed, 12 lbs. Unicorn Dairy Ration; 15.5 lbs. hay, pasture.

Aug.—335 lbs. grain: 100 lbs. bran, 12.5 lbs. middlings, 97.5 lbs. Larro-Feed, 75 lbs. gluten, 25 lbs. each cottonseed meal and oil meal; 12.5 lbs. beet pulp, hay and pasture.

Sept.—300 lbs. grain: 90 lbs. each bran and gluten, 30 lbs. each middlings, cottonseed meal, and oil meal, 15 lbs. each corn meal and ground oats; 15 lbs. hay, pasture.

Oct.—341 lbs. grain: 136.4 lbs. each bran and gluten, 34.1 lbs. each cottonseed meal and oil meal; 120 lbs. ensilage, 62 lbs. alfalfa, 124 lbs. hay.

Nov.—330 lbs. grain: 117 lbs. bran, 9 lbs. each corn meal and ground rye, 15 lbs. ground oats, 114 lbs. gluten, 33 lbs. each cottonseed meal and oil meal; 450 lbs. ensilage, 60 lbs. alfalfa, 120 lbs. hay.

Dec.—341 lbs. grain: 170.5 lbs. bran, 102.3 lbs. Unicorn Dairy Ration, 68.2 lbs. cottonseed meal; 620 lbs. ensilage, 124 lbs. alfalfa, 186 lbs. hay.

Jan.—341 lbs. grain: 136.4 lbs. bran, 68.2 lbs. each Unicorn Dairy Ration, gluten, and oil meal; 620 lbs. ensilage, 62 lbs. alfalfa, 186 lbs. hay.

Feb.—336 lbs. grain: 33.6 lbs. each bran, Unicorn Dairy Ration, gluten, and cottonseed meal, 201.6 lbs. Union Grains; 560 lbs. ensilage, 280 lbs. hay.

Mar.—372 lbs. Unicorn Dairy Ration; 620 lbs. ensilage, 310 lbs. hay.

Apr.—360 lbs. grain: 60 lbs. each bran, ground oats, hominy meal, Unicorn Dairy Ration, gluten, and oil meal; 600 lbs. ensilage, 300 lbs. hay.

May—310 lbs. grain: 155 lbs. ground oats, 77.5 lbs. each cottonseed meal and oil meal; 300 lbs. ensilage, 155 lbs. hay, pasture.

June—20 lbs. grain: 10 lbs. ground oats, 5 lbs. each cottonseed meal and oil meal; 2 lbs. hay, pasture.

5382 Raymond's Charmante 38408

Sire Raymond of Ashburton 18386.
Sire Imp. Raymond of the Prêel 11353 A. R.
Dam Imp. Beauty of Ashburton 23211.
Dam Imp. Charmante's Champion 27575.
Sire Gay Lad du Braye R. G. A. S. 2026 P. S., A. R.
Dam Imp. Charmante's Coronation 27550 A. R. 3500.
Breeder Charles H. Jones, Wellesley Farms, Mass.
Owner Charles H. Jones, Wellesley Farms, Mass.
Born Nov. 2, 1911. *Calved* May 1, 1916.
Served Feb. 10, 1917.
Requirement for admission: 342.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class B

		Milk lbs.	Butter Fat %	Butter Fat lbs.
May	7, 1916,	907.40	5.56	50.45
June,	"	1192.90	5.21	62.15
July,	"	1048.20	5.40	56.60
Aug.,	"	973.50	5.52	53.74
Sept.,	"	895.00	5.61	50.21
Oct.,	"	823.60	5.72	47.11
Nov.,	"	633.10	8.66	54.83
Dec.,	"	663.90	6.78	45.01
Jan.,	1917,	605.90	6.93	41.99
Feb.,	"	566.30	7.73	43.77
Mar.,	"	646.30	6.92	44.72
Apr.,	"	612.20	6.73	41.20
May	6, "	129.40	7.06	9.14
Total		**9697.70**	**6.20 Av.**	**600.92**

Owner's Statement of Feed

May—10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, Homçoline, cottonseed meal, and oil meal, 256 lbs. ground oats, 200 lbs. each Distillers' Grains and gluten; 3 lbs. beet pulp, 6 lbs. ensilage, 4 lbs. alfalfa.

June—15 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each corn meal and hominy, 300 lbs. each Ajax Flakes, gluten meal, and O. P. oil meal, 63 lbs. sugar, 21 lbs. gluten, 463 lbs. cottonseed meal, 42 lbs. linseed meal; 6 lbs. ensilage, 4 lbs. alfalfa, pasture.

July—15 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and ground oats, 300 lbs. each Ajax Flakes and gluten, 263 lbs. cottonseed meal, 342 lbs. O. P. oil meal; 3 lbs. beet pulp, 25 lbs. green alfalfa, 4 lbs. hay.

Aug.—13.5 lbs. grain daily, to the 12th of the following mixture: 200 lbs. each bran, hominy, ground oats, and cottonseed meal, 300 lbs. each Ajax Flakes, gluten, and O. P. oil meal, then of 200 lbs. each bran, hominy, ground oats, and cottonseed meal, 500 lbs. Ajax Flakes, 300 lbs. O. P. oil meal; 3 lbs. beet pulp, 30 lbs. green feed, 8 lbs. alfalfa.

Sept.—15 to 13.5 lbs. grain daily of the following mixture: 50 lbs. each bran, hominy, ground oats, cottonseed meal, O. P. oil meal, and beet pulp, 180 lbs. Ajax Flakes; 3 lbs. beet pulp, 30 lbs. green alfalfa to the 24th then clover and timothy rowen, 8 lbs. alfalfa.

Oct.—9 lbs. grain daily same mixture as September; 3 lbs. beet pulp, 25 lbs. green feed, 8 to 12 lbs. alfalfa.

Nov.—9 lbs. grain daily of the following mixture: 75 lbs. bran, 50 lbs. each hominy, ground oats, cottonseed meal, and O. P. oil meal, 180 lbs. Ajax Flakes; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. hay.

Dec.—9 lbs. grain daily same mixture as November; 3 lbs. beet pulp, 15 lbs. ensilage, 12 lbs. alfalfa.

Jan.—9 lbs. grain daily of the following mixture: 125 lbs. each bran, corn meal, ground oats, cottonseed meal, and oil meal, 300 lbs. Brewers' Grains; 3 lbs. beet pulp, 20 lbs. each beets and ensilage, 12 lbs. alfalfa.

Feb.—Same grain ration as January; 5 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa.

Mar.—Same grain ration as January; 5 lbs. beet pulp, ensilage and hay.

Apr.—10.5 lbs. grain daily, to the 9th same mixture as January, from the 10th to the 19th of the following mixture: 200 lbs. each of bran, corn meal, and ground oats, 110 lbs. cottonseed meal, 100 lbs. oil meal, 100 lbs. beet pulp, then of 150 lbs. each bran and Brewers' Grains, 200 lbs. each corn meal and ground oats, 100 lbs. each germ oil meal, O. P. linseed meal, and beet pulp, 125 lbs. cottonseed meal; 5 lbs. beet pulp, ensilage and hay.

May—10.5 lbs. grain daily same mixture as January with 100 lbs. beet pulp added; 5 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa.

5383 Imp. Governor's Ella of McKerrow Farms 53186

Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Sire Compact R. G. A. S. 1076 P. S.
Dam Richesse du Chêne VIII. R. G. A. S. 4004 P. S.
Dam Minnie of the Quevillette R. G. A. S. 5381 P. S.
Sire Cock of the South R. G. A. S. 1359 P. S., A. R.
Dam Lady Essex R. G. A. S. 4944 P. S.
Breeder W. H. Guilbert, Island of Guernsey.
Owner George McKerrow & Sons Co., Pewaukee, Wis.
Born Oct. 7, 1913. *Calved* Feb. 20, 1916.
Served June 14, 1916.
Requirement for admission: 264.40 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb.	24, 1916,	163.80	4.19	6.86
Mar.,	"	991.40	3.87	38.37
Apr.,	"	895.40	4.45	39.85
May,	"	939.50	3.75	35.23
June,	"	883.40	4.47	39.49
July,	"	833.30	4.25	35.42
Aug.,	"	774.00	4.12	31.89
Sept.,	"	720.00	4.43	31.90
Oct.,	"	790.30	4.65	36.75
Nov.,	"	675.50	5.77	38.98
Dec.,	"	746.20	6.00	44.77
Jan.,	1917,	770.20	4.96	38.20
Feb.	23, "	565.30	4.96	28.04
Total		**9748.30**	**4.57 Av.**	**445.75**

Owner's Statement of Feed

Feb.—32 lbs. grain: 12.4 lbs. bran, 6 lbs. corn meal, 1 lbs. ground oats, 3.6 lbs. oil meal; 90 lbs. roots, 60 lbs. ensilage, alfalfa.

Mar.—309 lbs. grain: 63 lbs. each bran and corn meal, 45 lbs. each ground oats and oil meal, 93 lbs. Ajax Flakes; 450 lbs. roots, 600 lbs. ensilage, alfalfa.

Apr.—315 lbs. grain: 90 lbs. each bran, corn meal, and Ajax Flakes, 45 lbs. oil meal; 360 lbs. roots, 600 lbs. ensilage, alfalfa.

May—325.5 lbs. grain: 93 lbs. each bran, corn meal, and Ajax Flakes, 46.5 lbs. oil meal; 124 lbs. beet pulp, 620 lbs. ensilage, green alfalfa after the 15th, alfalfa hay.

June—336.5 lbs. grain: 73.5 lbs. bran, 45 lbs. each corn meal, ground oats, and oil meal, 128 lbs. Ajax Flakes; 300 lbs. ensilage, green oats, green and dry alfalfa.

July—232.5 lbs. grain: 62 lbs. each bran, corn meal, and Ajax Flakes, 46.5 lbs. oil meal; green oats and millet, green and dry alfalfa.

Aug.—Same ration as July with rape from the 15th in place of green alfalfa.

Sept.—225 lbs. grain: 60 lbs. each bran, hominy, and Ajax Flakes, 45 lbs. oil meal; 300 lbs. each roots and ensilage, alfalfa.

Oct.—279 lbs. grain: 46.5 lbs. each bran and corn meal, 31 lbs. ground oats, 93 lbs. Ajax Flakes, 62 lbs. oil meal; 620 lbs. roots, 372 lbs. ensilage, alfalfa.

Nov.—240 lbs. grain: 45 lbs. each bran, corn meal, ground oats, and oil meal, 60 lbs. Ajax Flakes; 360 lbs. roots, 600 lbs. ensilage, alfalfa.

Dec.—270 lbs. grain: 45 lbs. each bran, hominy, and oil meal, 135 lbs. Ajax Flakes; roots, ensilage, and alfalfa.

Jan.—93 lbs. grain: 15.5 lbs. each bran, corn meal, and oil meal, 46.5 lbs. Ajax Flakes; ensilage and alfalfa.

Feb.—66 lbs. grain: 11 lbs. each bran, corn meal, and oil meal, 33 lbs. Ajax Flakes; ensilage and clover hay.

5384 Dolly of Hickory Grove 65325

Sire Capt. Robbie 2d 8466 A. R.
Sire Capt. Robbie 7146 A. R.
Dam Coralou 15807 A. R. 198.
Dam Miss Suke 14538.
Sire Count Bishop 4366 A. R.
Dam Suke of Rosendale 6520.
Breeder T. J. Wright, Mauston, Wis.
Owner T. J. Wright, Mauston, Wis.
Born Dec. 1, 1906. *Calved* Apr. 21, 1916.
Served Jan. 18, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Apr. 24, 1916,	216.80	4.96	10.75
May, "	1179.40	4.58	54.02
June, "	1296.40	5.05	65.47
July, "	1172.60	5.01	58.75
Aug., "	1098.50	4.82	52.95
Sept., "	790.70	5.58	44.12
Oct., "	828.10	4.98	41.24
Nov., "	736.70	5.28	38.90
Dec., "	795.60	4.60	36.60
Jan., 1917,	804.80	5.15	41.45
Feb., "	732.60	5.39	39.49
Mar., "	783.20	5.54	43.39
Apr. 23, "	624.40	5.28	32.97
Total	**11059.80**	**5.06 Av.**	**560.10**

Owner's Statement of Feed

Apr.—3 to 6 lbs. grain daily of 2 parts bran and 1 part each ground oats and oil meal; 25 lbs. ensilage, mixed hay.

May—6 lbs. grain daily to the 8th same mixture as April, then 4 lbs. same mixture; ensilage and mixed hay, pasture after the 8th.

June—Same ration as given in May.

July—Same ration as given in May.

Aug.—Same ration as given in May with 20 lbs. ensilage daily after the 9th.

Sept.—Same ration as last of August to the 17th.

Oct.—10 lbs. grain daily of equal parts bran, ground oats, ground barley, and D. D. D. Grains; 22 lbs. ensilage, hay.

Nov.—Same grain ration as October; 30 lbs. ensilage, mixed hay.

Dec.—Same grain ration as October; 36 lbs. ensilage, mixed hay.

Jan.—10 lbs. grain daily of 1 part each bran, ground oats, ground barley, and D. D. D. Grains and .5 part buckwheat bran; 40 lbs. ensilage, mixed hay.

Feb.—Same grain ration as January; 36 lbs. ensilage, mixed hay.

Mar.—10 lbs. grain daily of 1 part each buckwheat bran, corn meal, and Unicorn Dairy Ration and 2 parts each ground oats and D. D. D. Grains; 32 lbs. ensilage, mixed hay.

Apr.—Same grain ration as March; 35 lbs. ensilage, mixed hay.

5385 Lily of Normandie 6th 31298

Sire Two Creeks 8648 A. R.
Sire Carl P. V. 6540.
Dam Select's O. K. 12942 A. R. 117.
Dam Lily of Normandie 13739.
Sire Vestus 5529.
Dam Star's Fernwood Normandie 6294.
Breeder Fred Clausing, Grafton, Wis.
Owner J. R. Love, Waukesha, Wis.
Born Aug. 25, 1909. *Calved* May 3, 1916.
Served Dec. 24, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
May 6, 1916,	1159.90	3.99	46.28
June, "	1339.00	4.94	66.15
July, "	1148.80	4.12	47.33
Aug., "	1014.20	4.52	45.84
Sept., "	936.30	4.63	43.35
Oct., "	890.30	5.33	47.45
Nov., "	788.90	5.20	41.02
Dec., "	643.80	5.81	37.40
Jan., 1917,	700.10	5.18	36.27
Feb., "	586.80	5.72	33.56
Mar., "	675.00	5.15	34.76
Apr., "	631.30	5.46	34.47
May 5, "	103.30	5.46	5.64
Total	**10617.70**	**4.89 Av.**	**519.52**

Owner's Statement of Feed

May—13.75 lbs. grain daily of 1 lb. corn meal, 3 lbs. ground oats, 6 lbs. Brewers' Grains, 2.25 lbs. Ajax Flakes, and 1.5 lbs. oil meal; 2 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

June—12 lbs. grain daily of .5 lb. corn meal, 3 lbs. ground oats, 2 lbs. Ajax Flakes, 5 lbs. Dewey's Grains, and 1.5 lbs. oil meal; 1.5 lbs. beet pulp, ensilage and alfalfa.

July—Same ration as given in June.

Aug.—12 lbs. grain daily of 2 lbs. hominy, 3.5 lbs. ground oats, 5 lbs. D. D. D. Grains, and 1.5 lbs. oil meal; 1.25 lbs. beet pulp, green corn and mixed clover hay.

Sept.—Same grain ration as August; 1 lb. beet pulp, green corn and mixed hay.

Oct.—Same grain ration as August; 1 lb. beet pulp, green corn and mixed hay.

Nov.—10.5 lbs. grain daily of 1.5 lbs. each hominy feed and oil meal, 4 lbs. ground oats, and 3.5 lbs. Dewey's Grains; 1 lb. beet pulp, 30 lbs. ensilage, mixed hay.

Dec.—10 lbs. grain daily of 1 lb. each bran, hominy, and oil meal, and 3.5 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, hay.

Jan.—10 lbs. grain daily of 1.5 lbs. bran, 3.5 lbs. ground corn and oats, 4 lbs. D. D. D. Grains, and 1 lb. oil meal; 30 lbs. ensilage, clover hay.

Feb.—9 lbs. grain daily of 1.5 lbs. each bran and oil meal, 3 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, hay.

Mar.—8 lbs. grain daily of 1.5 lbs. each bran and oil meal, 2 lbs. ground oats, 3 lbs. Ajax Flakes; 30 lbs. ensilage, hay.

Apr.—Same ration as given in March.

May—Same ration as given in March.

5386 Julian's Island Jeweller Lass 48535

Sire Julian of Koshkonong Place 14409 A. R.
Sire Jewel of Koshkonong Place 12202 A. R.
Dam Blossom of Koshkonong Place 24507 A. R. 1582.
Dam Island's Antoinette 34730 A. R. 3081.
Sire Council of Birchwood 10377 A. R.
Dam Park's Gem 24018.
Breeder G. G. Hartley, Duluth, Minn.
Owner G. G. Hartley, Duluth, Minn.
Born Sept. 14, 1913. *Calved* May 6, 1916.
Served Dec. 21, 1916.
Requirement for admission: 274.70 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
May 15, 1916,	452.40	4.86	21.99
June, "	843.00	5.04	42.49
July, "	780.60	5.82	45.43
Aug., "	688.50	5.52	38.01
Sept., "	622.00	5.50	34.21
Oct., "	607.40	4.89	29.70
Nov., "	553.70	4.97	27.52
Dec., "	513.80	4.74	24.35
Jan., 1917,	505.80	4.83	24.43
Feb., "	447.90	4.71	21.10
Mar., "	488.60	4.68	22.87
Apr., "	443.30	4.88	21.63
May 14, "	184.70	4.88	9.01
Total	**7131.70**	**5.09 Av.**	**362.74**

Owner's Statement of Feed

May—8 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal and Ajax Flakes, 50 lbs. ground oats, 100 lbs. gluten, 75 lbs. oil meal; roots, clover ensilage, hay, and pasture.

June—10 lbs. grain daily same mixture as May; alfalfa and pasture.

July—Same grain ration as June; clover and timothy soiling and alfalfa hay.

Aug.—Same grain ration as June; alfalfa and mixed hay.

Sept.—Same grain ration as June; roots, ensilage, alfalfa, and mixed hay.

Oct.—10 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal, Ajax Flakes, and gluten, 100 lbs. each ground oats and oil meal; roots, ensilage, and alfalfa.

Nov.—10 lbs. grain daily same mixture as May; roots, ensilage, and hay.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

Mar.—Same ration as given in November.

Apr.—10 lbs. grain daily same mixture as May; beet pulp, ensilage, and hay.

May—Same grain ration as May, 1916; beet pulp, ensilage, and hay.

5387 Gold Girl's Chêne Blossom 49581

Sire Julian of Koshkonong Place 14409 A. R.
Sire Jewel of Koshkonong Place 12202 A. R.
Dam Blossom of Koshkonong Place 24507 A. R. 1582.
Dam Imp. Gold Girl 34088 A. R. 3431.
Sire Imp. The Conqueror III. 19815 A. R.
Dam Imp. Dora of the Tertre 31596.
Breeder G. G. Hartley, Duluth, Minn.
Owner G. G. Hartley, Duluth, Minn.
Born Feb. 15, 1914. *Calved* Apr. 29, 1916.
Served Oct. 28, 1916.
Requirement for admission: 259.20 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
May 14, 1916,	517.30	5.56	28.76
June, "	940.00	5.09	47.85
July, "	892.30	5.26	46.93
Aug., "	850.80	5.28	44.92
Sept., "	791.50	5.77	45.67
Oct., "	759.90	6.13	46.58
Nov., "	670.60	6.30	42.25
Dec., "	681.10	5.89	40.12
Jan., 1917,	601.40	5.61	33.74
Feb., "	561.10	5.51	30.92
Mar., "	649.30	5.30	34.41
Apr., "	754.30	5.33	40.20
May 13, "	339.10	5.33	18.07
Total	**9008.70**	**5.55 Av.**	**500.42**

Owner's Statement of Feed

May—9 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal and Ajax Flakes, 50 lbs. ground oats, 100 lbs. gluten, 75 lbs. oil meal; roots, clover ensilage, hay, and pasture.

June—10 lbs. grain daily same mixture as May; alfalfa and pasture.

July—10 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal and Ajax Flakes, 50 lbs. each ground oats and oil meal, 100 lbs. gluten; green clover and timothy with alfalfa hay.

Aug.—11 lbs. grain daily same mixture as May; alfalfa and mixed hay.

Sept.—10 lbs. grain daily same mixture as May; roots, ensilage, alfalfa, and mixed hay.

Oct.—12 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal, Ajax Flakes, and gluten, 100 lbs. each ground oats and oil meal; roots, ensilage, and alfalfa.

Nov.—13 lbs. grain daily same mixture as May; roots, ensilage, and clover hay.

Dec.—15 lbs. grain daily same mixture as May; roots, ensilage, and hay.

Jan.—12 lbs. grain daily same mixture as May; roots, ensilage, and hay.

Feb.—Same grain ration as January; roots, ensilage, and clover hay.

Mar.—Same grain ration as January; roots, ensilage, and hay.

Apr.—12 lbs. grain daily, 10 lbs. same mixture as May with 2 lbs. oil meal added; roots, ensilage, and hay.

May—Same grain ration as January; beet pulp, ensilage, and clover hay.

5388 Marjorie of Broad Ridge 50593

Sire Masher Chilmark 19926 A. R.
Sire Imp. Masher's Galore 8572 A. R.
Dam Lenore of Chilmark 20614 A. R. 826.
Dam Frances of Broad Ridge 40511.
Sire Pretor of Cayuga 12313.
Dam Jessie of Ledyard 20590.
Breeder Frank Culver, Ira, N. Y.
Owner Thomas H. Munro, Camillus, N. Y.
Born Dec. 15, 1913. *Calved* Apr. 26, 1916.
Served Nov. 13, 1916.
Requirement for admission: 264.00 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class G

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Apr. 30, 1916,	25.50	4.65	1.19
May, "	1086.10	4.65	50.50
June, "	1145.80	4.54	52.02
July, "	977.70	4.42	43.21
Aug., "	819.60	4.50	36.88
Sept., "	722.40	4.79	34.60
Oct., "	661.20	4.66	30.81
Nov., "	606.00	5.24	31.75
Dec., "	593.80	5.43	32.24
Jan., 1917,	601.50	5.26	31.64
Feb., "	434.40	5.26	22.85
Mar., "	539.20	5.25	28.31
Apr. 29, "	474.30	6.18	29.31
Total	**8687.50**	**4.90 Av.**	**425.31**

Owner's Statement of Feed

Apr.—9.5 lbs. grain daily of 3 lbs. each bran, ground oats, and Ajax Flakes and .5 lb. corn meal; 12 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

May—9.5 to 10 lbs. grain daily of 3 lbs. each bran, ground oats, and Ajax Flakes and .5 to 1 lb. corn meal; 12 to 5 lbs. roots, 25 to 6 lbs. ensilage, 10 to 6 lbs. alfalfa, pasture after the 18th.

June—10 lbs. grain daily of equal parts bran, corn meal, ground oats, and Ajax Flakes; pasture.

July—Same ration as given in June.

Aug.—10 lbs. grain daily of equal parts bran, corn meal, and ground oats; pasture.

Sept.—10 lbs. grain daily equal parts bran, corn meal, ground oats, and Brewers' Grains; 12 lbs. ensilage from the 15th, pasture.

Oct.—Same grain ration as September; 25 lbs. ensilage, pasture.

Nov.—10 lbs. grain daily of equal parts bran, corn meal, ground oats, and Distillers' Grains; 10 lbs. each roots and hay, 30 lbs. ensilage.

Dec.—10 lbs. grain daily of the following mixture: 104 lbs. bran, 58 lbs. corn meal, 78 lbs. oat meal, 168 lbs. Distillers' Grains, 72 lbs. gluten, 20 lbs. oil meal; 8 lbs. beets, 30 lbs. ensilage, 12 lbs. mixed hay.

Jan.—8 to 10 lbs. grain daily same mixture as December; same roughage.

Feb.—Same ration as given in January.

Mar.—10 lbs. grain daily same mixture as December; 30 lbs. ensilage, 12 lbs. alfalfa.

Apr.—Same ration as given in March.

5389 Imp. Primrose IV. of Les Houards 36358

Sire Hero of the Forest R. G. A. S. 2053 P. S., A. R.
Sire Taylor's Nelson R. G. A. S. 1775 A. P. S., A. R.
Dam Imp. Miriam III. of the Isle 31600.
Dam Primrose of Les Houards R. G. A. S. 3247 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder F. G. Heaume, Island of Guernsey.
Owner Sherman L. Whipple, Plymouth, Mass.
Born Aug. 6, 1910. *Calved* May 13, 1916.
Served Mar. 28, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class A

	Milk lbs.	Butter Fat %	Butter Fat lbs.
May 17, 1916,	457.70	5.30	24.26
June, "	1081.70	4.32	46.73
July, "	1075.80	4.42	47.55
Aug., "	979.70	4.61	45.16
Sept., "	879.90	4.98	43.82
Oct., "	827.30	5.13	42.44
Nov., "	741.40	5.12	37.96
Dec., "	699.30	5.31	37.13
Jan., 1917,	699.60	5.43	37.99
Feb., "	579.90	5.60	32.47
Mar., "	694.30	5.33	37.01
Apr., "	651.00	5.14	33.46
May 16, "	328.80	5.11	16.80
Total	**9696.40**	**4.98 Av.**	**482.78**

Owner's Statement of Feed

May—10 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, ground oats, and oil meal, 50 lbs. each gluten and cottonseed meal; 3 lbs. beet pulp, 40 lbs. ensilage, 10 lbs. hay.

June—12 lbs. grain daily same mixture as May; 40 lbs. ensilage, green feed.

July—Same ration as given in June.

Aug.—12 lbs. Stevens Dairy Ration daily; 40 lbs. ensilage, green feed.

Sept.—12 lbs. Cow-Chow daily; clover hay.

Oct.—12 lbs. grain daily same mixture as May; ensilage and hay.

Nov.—Same grain ration as October; beet pulp, 40 lbs. ensilage, hay.

Dec. Same grain ration as October; turnips, ensilage, and mixed hay.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

Apr.—Same ration as given in December.

May—Same ration as given in December.

5390 Imp. Blanche Daisy 46894

Sire Loyal of the Capelles R. G. A. S. 1267 P. S., A. R.
Sire Squire of the Fields R. G. A. S. 1005 P. S.
Dam Jessie XVI. R. G. A. S. 3551 P. S.
Dam Dairy Maid of Anneville R. G. A. S. 2426 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder E. A. Mahy, Island of Guernsey.
Owner O. C. Barber, Barberton, Ohio.
Born Jan. 10, 1904. *Calved* Dec. 23, 1913.
Served July 8, 1914.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class A

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb. 15, 1914,	542.10	5.27	28.57
Mar., "	1171.80	5.06	59.29
Apr., "	1182.60	5.36	63.39
May, "	1196.00	5.31	63.51
June, "	1152.10	5.25	60.49
July, "	1170.80	5.52	64.63
Aug., "	1145.50	5.23	59.91
Sept., "	1043.10	5.60	58.41
Oct., "	1033.60	5.86	60.57
Nov., "	829.60	6.43	53.34
Dec., "	845.20	6.15	51.98
Jan., 1915,	749.30	6.81	51.03
Feb. 14, "	315.60	5.94	18.75
Total	**12377.30**	**5.61 Av.**	**693.87**

Owner's Statement of Feed

Feb.—8 lbs. grain daily of 2.5 parts bran, 1 part each hominy and Sugar Feed, 1.25 parts ground oats, 1.5 parts D. D. D. Grains, .25 part gluten, and .5 part each cottonseed meal and oil meal; 3 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—Same ration as given in February.

Apr.—13 lbs. grain daily, 12 lbs. of the following mixture with 1 lb. Unicorn Dairy Ration added: 4 parts bran, 5 parts D. D. D. Grains, .5 part each hominy feed, Buffalo Gluten Feed, and cottonseed meal, 3 parts ground oats, 1 part Bartlett's Sugar Malt, and 1.5 parts O. P. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

May—Same ration as April.

June—12.5 lbs. grain daily of 5 parts each bran and corn D. D. D. Grains, 1.5 parts hominy feed, 4 parts ground oats, .5 part cottonseed meal, 1 part each Bartlett's Sugar Grains, Buffalo Gluten Feed, flaxseed meal, and oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, 12 lbs. grass, 10 lbs. alfalfa.

July—Same ration as given in June.

Aug.—11.5 lbs. grain daily of the following mixture: 4 lbs. bran, 2.5 lbs. hominy feed, 3.5 lbs. ground oats, 5.5 lbs. corn D. D. D. Grains, 2 lbs. Bartlett's Sugar Grains, .5 lb. Buffalo Gluten meal, 1 lb. each cottonseed meal and O. P. oil meal; 3.5 lbs. beet pulp, 28 lbs. ensilage, 10 lbs. alfalfa.

Sept.—Same ration as given in August.

Oct.—11 lbs. grain daily of 5 parts bran, 2 parts hominy feed, 4 parts corn, 3.5 parts ground oats, 1.5 parts each Buffalo Gluten Feed and O. P. oil meal, 3 parts D. D. D. Grains, 1.25 parts Bartlett's Sugar Grains, .75 part flaxseed meal, and .5 part cottonseed meal; 3 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

Nov.—10.5 lbs. grain daily same mixture as October with .25 part Bartlett's Sugar Grains added; 2 lbs. beet pulp, 10 lbs. beets, 24 lbs. ensilage, 8.5 lbs. alfalfa.

Dec.—10.5 lbs. grain daily of same mixture as August; 2 lbs. beet pulp, 10 lbs. beets, 24 lbs. ensilage, 8.5 lbs. alfalfa.

Jan.—9 lbs. grain daily of 4 parts bran, 1 part each hominy, ground oats, gluten, cottonseed meal, and oil meal, 2.5 parts Bartlett's Sugar Malt, 4.5 parts D. D. D. Grains; 1 lb. beet pulp, 15 lbs. roots, 20 lbs. ensilage, 8 lbs. alfalfa.

Feb.—Same ration as given in January.

5391 Imp. Queen of Anna Dean Farm 2d 47586

Sire Imp. Alderney Raymond 26357 A. R.
Sire Masher R. A. A. S. 63 F. S., A. R.
Dam Lively II. R. A. A. S. 346 F. S.
Dam Imp. Queen of Anna Dean Farm 47585.
Sire On Alderney.
Dam On Alderney.
Breeder J. Sebire, Island of Alderney.
Owner O. C. Barber, Barberton, Ohio
Born Mar. 17, 1911. *Calved* May 6, 1916.
Served Mar. 15, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class A

	Milk lbs.	Butter Fat %	Butter Fat lbs.
May 10, 1916,	951.80	4.53	43.12
June, "	1218.40	4.19	51.05
July, "	1181.10	4.27	50.43
Aug., "	1157.30	4.02	46.29
Sept., "	1154.20	4.09	47.21
Oct., "	1046.20	4.51	47.18
Nov., "	936.40	4.56	42.70
Dec., "	871.80	4.66	40.63
Jan., 1917,	820.10	4.40	36.08
Feb., "	735.00	5.05	37.12
Mar., "	610.50	5.23	31.93
Apr., "	252.70	5.49	13.87
May 9, "	32.90	5.75	1.89
Total	**10968.40**	**4.46 Av.**	**489.50**

Owner's Statement of Feed

May—16.5 lbs. grain daily, 15 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 200 lbs. each bran, gluten feed, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 3 lbs. beet pulp, 12 lbs. each beets and ensilage, 10 lbs. alfalfa.

June—15 lbs. grain daily, 12 lbs. same mixture as May with 3 lbs. Ajax Flakes added; 2 lbs. beet pulp, 10 lbs. ensilage, 12 lbs. alfalfa.

July—12 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat hay and alfalfa.

Aug.—12 lbs. grain daily same mixture as May; 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—12 lbs. grain daily same mixture as May; 25 lbs. ensilage, 10 lbs. alfalfa.

Oct.—13.5 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 10 lbs. alfalfa.

Nov.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal. 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

Jan.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, barley, gluten, and cottonseed meal, 400 lbs. ground oats; 25 lbs. ensilage, 8 lbs. alfalfa.

Feb.—16.5 lbs. grain daily: 13.5 lbs. same mixture as January with 3 lbs. molasses alfalfa added; 25 lbs. ensilage, 8 lbs. alfalfa hay.

Mar.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each middlings, hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 5 lbs. beets, 25 lbs. ensilage, 8 lbs. alfalfa.

Apr.—Same ration as March without middlings in mixture.

May—Same ration as given in April.

5392 Tango Pauline 48879

Sire Langwater May King 13001 A. R.
Sire Imp. May Rose King 8336 A. R.
Dam Imp. La Belle Petite 18114 A. R. 793.
Dam Governor's Pauline 30472 A. R. 2441.
Sire Imp. Governor I. of the Chêne 10563 A. R.
Dam Golden Paula 2d 21173.
Breeder O. C. Barber, Barberton, Ohio.
Owner O. C. Barber, Barberton, Ohio.
Born Oct. 16, 1913. *Calved* Dec. 14, 1915.
Served Dec. 9, 1916.
Requirement for admission: 256.70 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 18, 1915,	450.50	3.86	17.39
Jan., 1916,	1082.30	4.76	51.52
Feb., "	937.90	5.24	49.15
Mar., "	935.40	5.23	48.92
Apr., "	831.20	5.72	47.54
May, "	830.30	5.48	45.50
June, "	758.30	6.23	47.24
July, "	783.50	6.12	47.95
Aug., "	736.30	5.84	43.00
Sept., "	668.90	5.72	38.26
Oct., "	622.90	6.31	39.30
Nov., "	605.00	6.37	38.54
Dec. 17, "	317.20	6.83	21.66
Total	**9559.70**	**5.61 Av.**	**535.97**

Owner's Statement of Feed

Dec.—6 lbs. grain daily of 3 lbs. bran and 1.5 lbs. each ground oats and oil meal; 30 lbs. roots, 10 lbs. alfalfa.

Jan.—12 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 50 lbs. each corn meal, ground oats, gluten, and oil meal; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Feb.—13.5 lbs. grain daily same mixture as January with 50 lbs. cottonseed meal added; same roughage.

Mar.—15 lbs. grain daily of 3 lbs. each bran, ground oats, Ajax Flakes, and gluten, 1.5 lbs. each corn meal and oil meal; 4 lbs. beet pulp, 20 lbs. each roots and ensilage, 10 lbs. alfalfa.

Apr.—16.5 lbs. grain daily, 15 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 500 lbs. each bran and gluten, 100 lbs. ground oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 3 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—13 lbs. grain daily, 12 lbs. of the following mixture with 1 lb. Ajax Flakes added: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa, 14 lbs. whole beets to the 15th then 3 hours pasture.

June—18 lbs. grain daily, 15 lbs. same mixture as May with 3 lbs. Ajax Flakes added; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa.

July—15 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat hay and alfalfa.

Aug.—Same grain ration as July; 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—Same ration as given in August.

Oct.—13.5 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal, 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

5393 May King's September Midday 48875

Sire Langwater May King 13001 A. R.
Sire Imp. May Rose King 8336 A. R.
Dam Imp. La Belle Petite 18114 A. R. 793.
Dam Pauline Spotswood 30446 A. R. 1924.
Sire Imp. Hayes Prince of Spotswood 8129 A. R.
Dam Golden Paula 2d 21173.
Breeder O. C. Barber, Barberton, Ohio.
Owner O. C. Barber, Barberton, Ohio.
Born Sept. 23, 1913. *Calved* Nov. 27, 1915.
Served Aug. 19, 1916.
Requirement for admission: 257.60 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 4, 1915,	788.60	4.72	37.22
Jan., 1916,	884.50	5.21	46.08
Feb., "	819.80	5.14	42.14
Mar., "	842.40	5.33	44.90
Apr., "	841.70	5.28	44.44
May, "	807.80	5.60	45.24
June, "	727.90	5.42	39.45
July, "	765.80	5.66	43.34
Aug., "	698.50	5.47	38.21
Sept., "	778.10	5.04	39.22
Oct., "	680.40	5.84	39.74
Nov., "	645.20	6.21	40.07
Dec. 3, "	53.70	5.75	3.09
Total	**9334.40**	**5.39 Av.**	**503.14**

Owner's Statement of Feed

Dec.—12 lbs. grain daily, to the 25th of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. oil meal, then of 200 lbs. each bran and oil meal, 100 lbs. each corn meal and cottonseed meal, 500 lbs. each ground oats and Ajax Flakes, 300 lbs. gluten; 30 lbs. ensilage, 10 lbs. alfalfa.

Jan.—Same ration as given the last of December.

Feb.—15 lbs. grain daily same mixture as the last of December; same roughage.

Mar.—21 lbs. grain daily, 15 lbs. same mixture as the last of December with 1.5 lbs. each buckwheat meal, gluten, cottonseed meal, and oil meal added; same roughage.

Apr.—13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 500 lbs. each bran and gluten, 100 lbs. ground oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 4 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—10 lbs. grain daily, 9 lbs. of the following mixture with 1 lb. Ajax Flakes added: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa, 10 lbs. whole beets to the 15th then 3 hours pasture.

June—15 lbs. grain daily: 12 lbs. same mixture as May with 3 lbs. Ajax Flakes added; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa.

July—12 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat hay and alfalfa.

Aug.—Same grain ration as July; 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—Same ration as given in August.

Oct.—12 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—12 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 10 lbs. beets, 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal, 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

5394 Governess of Anna Dean Farm 48881

Sire Ollie's King of Belle Vernon 2d 14028 A. R.
Sire Ollie's King of Belle Vernon 8041 A. R.
Dam Spotswood Daisy Pearl 17696 A. R. 790.
Dam Governess of the Chêne 30891 A. R. 2444.
Sire Imp. Governor I. of the Chêne 10563 A. R.
Dam Emerita 2d 21164 A. R. 1577.
Breeder O. C. Barber, Barberton, Ohio.
Owner O. C. Barber, Barberton, Ohio.
Born Nov. 15, 1913. *Calved* Dec. 19, 1915.
Served Aug. 3, 1916.
Requirement for admission: 255.10 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 1, 1916,	937.40	5.05	47.34
Feb., "	888.00	5.06	44.93
Mar., "	932.50	5.33	49.70
Apr., "	918.30	5.41	49.68
May, "	925.90	4.94	45.74
June, "	792.90	5.47	43.37
July, "	819.40	5.73	46.95
Aug., "	795.30	5.23	41.59
Sept., "	778.10	5.36	41.71
Oct., "	753.40	5.53	41.66
Nov., "	691.10	6.11	42.23
Dec. 31, "	655.90	6.13	40.21
Total	**9888.20**	**5.41 Av.**	**535.11**

Owner's Statement of Feed

Jan.—12 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 50 lbs. each corn meal, ground oats, gluten, and oil meal; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Feb.—12 lbs. grain daily same mixture as January with 50 lbs. cottonseed meal added; same roughage.

Mar.—16.5 lbs. grain daily of the following mixture: 200 lbs. each bran, cottonseed meal, and oil meal, 100 lbs. corn meal, 500 lbs. ground oats, 300 lbs. each Ajax Flakes and gluten; 4 lbs. beet pulp, 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Apr.—16.5 lbs. grain daily of the following mixture: 500 lbs. each bran and gluten, 100 lbs. ground oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 15 lbs. beets, 3 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—11.5 lbs. grain daily, 10.5 lbs. of the following mixture with 1 lb. Ajax Flakes added: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 2 lbs. beet pulp, 10 lbs. each ensilage and alfalfa, 12 lbs. whole beets to the 15th then 3 hours pasture.

June—16.5 lbs. grain daily: 13.5 lbs. same mixture as May with 3 lbs. Ajax Flakes added; 2 lbs. beet pulp, 14 lbs. ensilage, 10 lbs. alfalfa.

July—13.5 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat hay and alfalfa.

Aug.—Same grain ration as July; 25 lbs. ensilage, 10 lbs. hay.

Sept.—Same ration as given in August.

Oct.—13.5 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 10 lbs. beets, 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal, 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

5395 Blanche Daisy of Anna Dean Farm 48886

Sire Ollie's King of Belle Vernon 2d 14028 A. R.
Sire Ollie's King of Belle Vernon 8041 A. R.
Dam Spotswood Daisy Pearl 17696 A. R. 790.
Dam Imp. Blanche Daisy II. 28431 A. R. 1849.
Sire Imp. St. Amant 11600 A. R.
Dam Imp. Blanche Daisy 46894 A. R. 5390.
Breeder O. C. Barber, Barberton, Ohio.
Owner O. C. Barber, Barberton, Ohio.
Born Dec. 18, 1913. *Calved* Dec. 10, 1915.
Served Aug. 13, 1916.
Requirement for admission: 250.70 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 21, 1915,	326.60	4.45	14.53
Jan., 1916,	955.50	4.82	46.06
Feb., "	878.00	5.04	44.25
Mar., "	939.20	4.90	46.02
Apr., "	863.40	5.09	43.95
May, "	939.10	5.40	50.71
June, "	912.20	5.32	48.53
July, "	908.80	5.62	51.07
Aug., "	831.80	5.32	44.25
Sept., "	804.60	5.61	45.14
Oct., "	740.00	5.80	42.92
Nov., "	696.40	6.11	42.55
Dec. 20, "	417.80	6.00	25.07
Total	**10213.40**	**5.34 Av.**	**545.05**

Owner's Statement of Feed

Dec.—6 lbs. grain daily of 3 lbs. bran and 1.5 lbs. each ground oats and oil meal; 20 lbs. roots, 10 lbs. each ensilage and alfalfa.

Jan.—12 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 50 lbs. each corn meal, ground oats, gluten, and oil meal; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Feb.—13.5 lbs. grain daily same mixture as January with 50 lbs. cottonseed meal added; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—13.5 lbs. grain daily of the following mixture: 200 lbs. each bran, cottonseed meal, and oil meal, 100 lbs. corn meal, 500 lbs. ground oats, 300 lbs. each Ajax Flakes and gluten; 4 lbs. beet pulp, 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Apr.—16.5 lbs. grain daily, 15 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 500 lbs. each bran and gluten, 100 lbs. ground oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 15 lbs. beets, 3 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—16 lbs. grain daily, 15 lbs. of the following mixture with 1 lb. Ajax Flakes added: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 2 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa, 12 lbs. whole beets to the 15th then 3 hours pasture.

June—18 lbs. grain daily: 15 lbs. same mixture as May with 3 lbs. Ajax Flakes added; 2 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa.

July—12 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat hay and alfalfa.

Aug.—15 lbs. grain daily same mixture as May; 25 lbs. ensilage, 10 lbs. hay.

Sept.—Same ration as given in August.

Oct.—15 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—15 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 10 lbs. beets, 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—15 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal, 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

5396 May King's Corinna White 48328

Sire Langwater May King 13001 A. R.
Sire Imp. May Rose King 8336 A. R.
Dam Imp. La Belle Petite 18114 A. R. 793.
Dam Corinna White 4th 27460 A. R. 2244.
Sire Ollie's King of Belle Vernon 8041 A. R.
Dam Corinna White 17381 A. R. 815.
Breeder O. C. Barber, Barberton, Ohio.
Owner O. C. Barber, Barberton, Ohio.
Born Sept. 9, 1913. *Calved* Dec. 3, 1915.
Served July 15, 1916.
Requirement for admission: 259.60 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class G

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Dec. 10, 1915,	717.70	3.60	25.84
Jan., 1916,	1073.00	4.10	43.99
Feb., "	949.90	4.31	40.94
Mar., "	980.30	4.07	39.90
Apr., "	933.00	3.91	36.48
May, "	924.50	4.19	38.74
June, "	849.30	4.31	36.60
July, "	818.80	4.59	37.58
Aug., "	794.90	4.12	32.75
Sept., "	770.40	4.46	34.36
Oct., "	768.20	4.37	33.57
Nov., "	750.10	4.14	31.05
Dec. 9, "	209.90	3.93	8.25
Total	**10540.00**	**4.18 Av.**	**440.05**

Owner's Statement of Feed

Dec.—6 lbs. grain daily of 3 lbs. bran and 1.5 lbs. each ground oats and oil meal; 20 lbs. roots, 10 lbs. each ensilage and alfalfa.

Jan.—13.5 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 50 lbs. each corn meal, ground oats, gluten, and oil meal; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Feb.—15 lbs. grain daily same mixture as January with 50 lbs. cottonseed meal added; same roughage.

Mar.—15 lbs. grain daily of the following mixture: 200 lbs. each bran, cottonseed meal, and oil meal, 100 lbs. corn meal, 500 lbs. ground oats, 300 lbs. each Ajax Flakes and gluten; 4 lbs. beet pulp, 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Apr.—14.75 lbs. grain daily, 13.5 lbs. of the following mixture with 1.25 lbs. Ajax Flakes added: 500 lbs. each bran and gluten, 100 lbs. ground oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 3 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—13 lbs. grain daily, 12 lbs. of the following mixture with 1 lb. Ajax Flakes added: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 12 lbs. ensilage, 10 lbs. alfalfa, 14 lbs. whole beets to the 15th then 3 hours pasture.

June—18 lbs. grain daily: 15 lbs. same mixture as May with 3 lbs. Ajax Flakes added; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa.

July—15 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat hay and alfalfa.

Aug.—Same grain ration as July; 25 lbs. ensilage, 10 lbs. hay.

Sept.—Same ration as given in August.

Oct.—15 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal, 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

5397 Minnette's Lady Munroe 47545

Sire Imp. Minnette's Sequel 15634.
Sire Imp. Fanny's Sequel 19563 A. R.
Dam Imp. Minnette I. of the Carrefour 28424 A. R. 1568.
Dam Lady Munroe 25994 A. R. 2225.
Sire Ollie's King of Belle Vernon 8041 A. R.
Dam Lena Munroe 16051 A. R. 963.
Breeder O. C. Barber, Barberton, Ohio.
Owner O. C. Barber, Barberton, Ohio.
Born June 15, 1913. *Calved* Dec. 7, 1915.
Served Aug. 22, 1916.
Requirement for admission: 268.40 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class G

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Dec. 12, 1915,	631.00	4.38	27.64
Jan., 1916,	1039.30	5.32	55.29
Feb., "	905.10	5.40	48.88
Mar., "	888.80	5.44	48.35
Apr., "	837.30	5.65	47.31
May, "	753.60	5.57	41.98
June, "	625.20	6.89	43.08
July, "	592.80	6.93	41.08
Aug., "	562.30	6.00	33.74
Sept., "	539.20	6.04	32.57
Oct., "	468.30	6.43	30.11
Nov., "	454.40	6.73	30.58
Dec. 11, "	149.50	6.73	10.06
Total	**8446.80**	**5.81 Av.**	**490.67**

Owner's Statement of Feed

Dec.—8.5 lbs. grain daily of 4.5 lbs. bran, 2.5 lbs. ground oats, and 1.5 lbs. oil meal; 20 lbs. roots, 10 lbs. each ensilage and alfalfa.

Jan.—13.5 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 50 lbs. each corn meal, ground oats, gluten, and oil meal; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Feb.—Same ration as January with 50 lbs. cottonseed meal added to grain mixture.

Mar.—13.5 lbs. grain daily of the following mixture: 200 lbs. each bran, cottonseed meal, and oil meal, 100 lbs. corn meal, 500 lbs. ground oats, 300 lbs. each Ajax Flakes and gluten; 4 lbs. beet pulp, 15 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Apr.—15 lbs. grain daily, 13.5 lbs. of the following mixture with 1.5 lbs. Ajax Flakes added: 500 lbs. each bran and gluten, 100 lbs. ground oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 3 lbs. beet pulp, 15 lbs. beets, 10 lbs. each ensilage and alfalfa.

May—11.5 lbs. grain daily, 10.5 lbs. of the following mixture with 1 lb. Ajax Flakes added: 200 lbs. each bran, gluten feed, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa, 12 lbs. whole beets to the 15th then pasture.

June—14 lbs. grain daily, 12 lbs. same mixture as May with 2 lbs Ajax Flakes added; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa.

July—12 lbs. grain daily same mixture as May; 1 lb. beet pulp, 20 lbs. ensilage, oat hay and alfalfa.

Aug.—12 lbs. grain daily same mixture as May; 25 lbs. ensilage, 10 lbs. hay.

Sept.—12 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 25 lbs. ensilage, 10 lbs. alfalfa.

Oct.—12 lbs. grain daily same mixture as September with 250 lbs. ground oats dropped; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—12 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 10 lbs. beets, 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—12 lbs. grain daily same mixture as November with 200 lbs. ground barley added; 25 lbs. ensilage, 8 lbs. alfalfa.

5398 Imp. Dorothea of Anna Dean Farm 47037

Sire Imp. Raymond's Pearl King 24301 A. R.
Sire Imp. Raymond of the Préel IV. 19235 A. R.
Dam Princess May of the Hunguets IV. R. G. A. S. 7574 P. S.
Dam Daisy du Bigard R. G. A. S. 3341 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder F. J. Norman, Island of Guernsey.
Owner O. C. Barber, Barberton, Ohio.
Born Mar. 25, 1913. *Calved* Dec. 16, 1915.
Served May 31, 1916.
Requirement for admission: 277.60 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class F

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Dec. 22, 1915,	352.90	5.70	20.12
Jan., 1916,	1139.30	5.74	65.40
Feb., "	985.20	5.96	58.72
Mar., "	905.10	5.60	50.69
Apr., "	856.90	6.33	54.24
May, "	921.30	5.70	52.51
June, "	827.80	6.38	52.81
July, "	672.10	6.62	44.49
Aug., "	488.70	6.75	32.99
Sept., "	477.40	6.88	32.83
Oct., "	322.30	7.83	25.24
Nov., "	156.80	7.83	12.28
Dec. 21, "	No record given.		
Total	**8105.80**	**6.20 Av.**	**502.31**

Owner's Statement of Feed

Dec.—12 lbs. grain daily of 3 lbs. each bran, ground oats and Ajax Flakes, and 1.5 lbs. each gluten and oil meal; 20 lbs. roots, 10 lbs. each ensilage and alfalfa.

Jan.—14 lbs. grain daily of 1.5 lbs. each bran, buckwheat middlings, ground oats, cottonseed meal, and oil meal, 3 lb. corn meal, and 3 lbs. each Ajax Flakes and gluten; 15 lbs. roots and 22 lbs. ensilage to the 17th, then 30 lbs. roots and 10 lbs. ensilage, 10 lbs. alfalfa.

Feb.—15.75 lbs. grain daily of 3 lbs. each bran, Ajax Flakes, and gluten, 1.5 lbs. each buckwheat middlings, ground oats, cottonseed meal, and oil meal, and .75 lb. corn meal; 40 lbs. roots, 16 lbs. ensilage, 10 lbs. alfalfa.

Mar.—21 lbs. grain daily of 4.5 lbs. each bran, Ajax Flakes, and gluten, 1.5 lbs. corn meal, and 6 lbs. ground oats; 5 lbs. beet pulp, 40 lbs. roots, 10 lbs. each ensilage and alfalfa.

Apr.—16 lbs. grain daily of the following mixture: 500 lbs. each bran and gluten, 100 lbs. ground oats, 250 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 20 lbs. beets, 4 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—16 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten feed, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 4 lbs. beet pulp, 20 lbs. whole beets, 10 lbs. each ensilage and alfalfa.

June—22 lbs. grain daily, 20 lbs. same mixture as May with 2 lbs. Ajax Flakes added; 2 lbs. beet pulp, 12 lbs. ensilage, 10 lbs. alfalfa.

July—22 lbs. grain daily, 20 lbs. same mixture as May with 2 lbs. Ajax Flakes added; 2 lbs. beet pulp, 20 lbs. ensilage, 6 lbs. alfalfa.

Aug.—16 lbs. grain daily same mixture as May; 25 lbs. ensilage, 10 lbs. hay.

Sept.—16 lbs. grain daily same mixture as May; 15 lbs. mangels, 25 lbs. ensilage, 10 lbs. alfalfa.

Oct.—12 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—Same ration as given in October.

Dec.—No record given.

5399 Imp. Cymbal of Anna Dean Farm 47589

Sire Alderney II. R. G. A. S. 2215 P. S., A. R.
Sire Imp. Sequel's Monogram 15649 A. R.
Dam Lady Alderney R. G. A. S. 5682 P. S.
Dam Violet of Mont Plaisant R. G. A. S. 4252 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder E. F. Falla, Island of Guernsey.
Owner O. C. Barber, Barberton, Ohio.
Born June 7, 1912. *Calved* May 27, 1916.
Requirement for admission: 322.80 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class D

	Milk lbs.	Butter Fat %	Butter Fat lbs.
June 1, 1916,	1206.80	4.49	54.19
July, "	1217.80	4.67	56.87
Aug., "	1077.20	4.29	46.21
Sept., "	947.70	5.07	48.05
Oct., "	784.60	5.32	41.74
Nov., "	648.90	6.17	40.04
Dec., "	528.90	5.89	31.15
Jan., 1917,	381.50	5.55	21.17
Feb., "	349.30	6.01	20.99
Mar., "	375.60	5.82	21.86
Apr., "	372.90	6.26	23.34
May 31, "	430.70	5.97	25.71
Total	**8321.90**	**5.18 Av.**	**431.32**

Owner's Statement of Feed

June—16.5 lbs. grain daily, 13.5 lbs. of the following mixture with 3 lbs. Ajax Flakes added: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 2 lbs. beet pulp, 10 lbs. ensilage, 12 lbs. alfalfa.

July—15 lbs. grain daily same mixture as June; 3 lbs. beet pulp, 12 lbs. ensilage, oat hay.

Aug.—15 lbs. grain daily same mixture as June; 25 lbs. ensilage, 10 lbs. hay.

Sept.—15 lbs. grain daily same mixture as June; 25 lbs. ensilage, 10 lbs. alfalfa.

Oct.—15 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. Ajax Flakes, 300 lbs. oil meal; 22 lbs. ensilage, 25 lbs. alfalfa.

Nov.—15 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 10 lbs. beets, 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal, 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

Jan.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, barley, gluten, and cottonseed meal, 400 lbs. ground oats; 25 lbs. ensilage, 8 lbs. alfalfa.

Feb.—Same grain ration as January; 5 lbs. beets, 25 lbs. ensilage, 8 lbs. alfalfa.

Mar.—12 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each middlings, hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 5 lbs. beets, 25 lbs. ensilage, 8 lbs. alfalfa.

Apr.—Same ration as March without middlings in mixture.

May—Same ration as given in April.

5400 Lady Rigolette 41923

Sire Gay Yeksa Lad 18098.
Sire Imp. Gay Lad II. du Braye 12649.
Dam Yeksa Unis 19790 A. R. 858.
Dam Rigolette 2d 24444 A. R. 1365.
Sire Rinaldo 8917 A. R.
Dam Rigolette 16611 A. R. 483.
Breeder Helendale Farms, Milwaukee, Wis.
Owner Helendale Farms, Milwaukee, Wis.
Born May 24, 1912. *Calved* May 7, 1916.
Requirement for admission: 322.40 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class D

	Milk	Butter Fat	
	lbs.	%	lbs.
May 14, 1916,	529.20	4.90	25.93
June, "	987.30	4.90	48.38
July, "	970.60	4.09	39.70
Aug., "	914.40	5.36	49.01
Sept., "	786.30	4.57	35.93
Oct., "	705.20	5.04	35.54
Nov., "	594.20	4.60	27.33
Dec., "	590.30	5.39	31.82
Jan., 1917,	619.20	5.38	33.31
Feb., "	564.80	5.02	28.35
Mar., "	647.80	4.81	31.16
Apr., "	613.40	4.93	30.24
May 13, "	276.80	5.14	14.23
Total	**8799.50**	**4.90 Av.**	**430.93**

Owner's Statement of Feed

May—9 lbs. grain daily of .9 lb. each corn meal, ground oats, and oil meal, 2.7 lbs. Ajax Flakes, and 3.6 lbs. ground alfalfa and clover; 3 lbs. beet pulp, clover and blue grass pasture.

June—10.7 lbs. grain daily of 1.9 lbs. each ground oats and oil meal, 3.3 lbs. Ajax Flakes, and 3.6 lbs. ground alfalfa and clover; clover and blue grass pasture.

July—10 lbs. grain daily of 4 lbs. bran, 1 lb. each corn meal and oil meal, 2 lbs. each ground oats and Ajax Flakes; clover and blue grass pasture.

Aug.—9 lbs. grain daily of 2.7 lbs. each bran and Ajax Flakes, .9 lb. each corn meal and oil meal, and 1.8 lbs. ground oats; clover and blue grass pasture.

Sept.—10 lbs. grain daily of 2 lbs. each bran, ground oats, and ground barley, 3 lbs. Ajax Flakes, and 1 lb. oil meal; 10 lbs. ensilage, alfalfa hay and clover pasture.

Oct.—10 lbs. grain daily of 2 lbs. ground oats, 1 lb. ground barley, 2.5 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .5 lb. oil meal; 3 lbs. beet pulp, 35 lbs. ensilage, mixed clover and alfalfa.

Nov.—8.95 lbs. grain daily of .9 lb. each ground barley and ground oats, 2.25 lbs. Ajax Flakes, 4.5 lbs. ground clover and alfalfa, and .4 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Dec.—9.2 lbs. grain daily of .9 lb. ground barley, 1.8 lbs. ground oats, 2.4 lbs. Ajax Flakes, 3.6 lbs. ground clover and alfalfa, and .5 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa.

Jan.—8 lbs. grain daily of .8 lb. each ground oats and ground barley, 2 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .4 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa.

Feb.—9 lbs. grain daily of .9 lb. each ground barley, ground oats, and gluten, 2.7 lbs. Ajax Flakes, and 3.6 lbs. ground clover and alfalfa; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Mar.—Same ration as given in February.

Apr.—8 lbs. grain daily of .8 lb. each ground barley, ground oats, and gluten, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground clover and alfalfa; 4 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

May—7 lbs. grain daily of .7 lb. each ground barley, ground oats, and gluten, 2.1 lbs. Ajax Flakes, 2.8 lbs. ground clover and alfalfa; 2 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

5401 Masher's Victor's Countess 52729

Sire Masher's Victor 14662.
Sire Imp. Masher's Sequel 11462 A. R.
Dam Zeta of Grasslands 18056 A. R. 1055.
Dam Bernice's Countess 18762 A. R. 1601.
Sire Gypson's Count 8125 A. R.
Dam Bernice Bishop 12258.
Breeder Kansas State Agricultural College, Manhattan, Kans.
Owner Kansas State Agricultural College, Manhattan, Kans.
Born Jan. 18, 1914. *Calved* May 24, 1916.
Served Oct. 21, 1916.
Requirement for admission: 263.40 lbs. butter fat.
Supervised by Kansas Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
May 28, 1916,	61.40	4.61	2.83
June, "	610.10	4.61	28.13
July, "	630.50	4.40	27.74
Aug., "	540.10	4.38	23.66
Sept., "	430.90	4.80	20.68
Oct., "	460.60	5.78	26.62
Nov., "	439.80	5.76	25.33
Dec., "	442.50	5.54	24.51
Jan., 1917,	451.50	5.17	23.34
Feb., "	371.50	5.73	21.29
Mar., "	404.00	5.60	22.62
Apr., "	382.80	6.27	24.00
May 27, "	281.50	6.64	18.69
Total	**5507.20**	**5.26 Av.**	**289.44**

Owner's Statement of Feed

May—5 lbs. grain daily of 2 parts bran, 4 parts corn chop, and 1 part oil meal; 20 lbs. ensilage, 6 lbs. alfalfa, pasture.

June—Same ration as given in May.

July—Same ration as given in May.

Aug.—Same grain ration as May; 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—Same grain ration as May; 8 lbs. ensilage, 20 lbs. alfalfa.

Oct.—7 lbs. grain daily same mixture as May; 20 lbs. ensilage, 12 lbs. alfalfa.

Nov.—6 lbs. grain daily same mixture as May; 20 lbs. ensilage, 8 lbs. alfalfa.

Dec.—Same grain ration as November; 30 lbs. ensilage, 10 lbs. alfalfa.

Jan.—6 lbs. grain daily same mixture as May; 20 lbs. ensilage, 10 lbs. alfalfa.

Feb.—Same grain ration as May; same roughage as January.

Mar.—Same ration as given in February.

Apr.—3 lbs. grain daily same mixture as May; 20 lbs. ensilage, 10 lbs. alfalfa.

May—Same ration as given in April.

5402 Golden Maid of Maple Lane 36736

Sire Imp. Spotswood Golden Jewel 10823 A. R.
Sire Golden Jewel R. G. A. S. 1336 P. S.
Dam Imp. Lady Beatrice of Lilyvale 18526.
Dam St. Pierre's Pride 19288.
Sire Merry St. Pierre 7175.
Dam Bessie Jeweller 10523.
Breeder John Tyler, Salem, N. J.
Owner A. B. Humphrey, Escalon, Cal.
Born Feb. 3, 1911. *Calved* Apr. 18, 1916.
Served July 12, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class AA

	Milk	Butter Fat	
	lbs.	%	lbs.
Apr. 25, 1916,	348.20	3.76	13.09
May, "	1731.10	3.76	65.09
June, "	1403.70	3.97	55.73
July, "	1333.20	4.10	54.66
Aug., "	1293.80	4.25	54.99
Sept., "	1138.10	4.64	52.81
Oct., "	1029.50	5.30	54.56
Nov., "	959.70	5.48	52.59
Dec., "	953.10	5.68	54.14
Jan., 1917,	900.80	5.66	50.99
Feb., "	765.00	5.42	41.46
Mar., "	728.50	5.43	39.56
Apr. 24, "	453.30	5.58	25.29
Total	**13038.00**	**4.72 Av.**	**614.96**

Owner's Statement of Feed

Apr.—14 lbs. grain daily, 10 lbs. of the following mixture: 100 lbs. each bran and oats, 200 lbs. barley, 50 lbs. oil meal, and 4 lbs. molasses feed consisting of barley, cocoanut meal, and molasses; 20 lbs. ensilage, 20 lbs. green and dry alfalfa.

May—14 lbs. grain daily to the 20th of 6 lbs. molasses feed and 8 lbs. of the following mixture: 100 lbs. each bran and oats, 200 lbs. barley, 50 lbs. oil meal; after 20th 6 lbs. daily of 3 lbs. each molasses feed and mixture; 3 lbs. beet pulp after the 20th, 25 lbs. ensilage, 20 lbs. green and dry alfalfa.

June—8 lbs. molasses dairy feed daily; 3 lbs. beet pulp, 20 lbs. ensilage, alfalfa.

July—10 lbs. molasses dairy feed daily; 20 lbs. ensilage, alfalfa.

Aug.—10 lbs. molasses dairy feed daily; alfalfa.

Sept.—Same ration as given in August.

Oct.—12 lbs. molasses dairy feed daily; 20 lbs. ensilage, alfalfa.

Nov.—10 lbs. molasses dairy feed daily; same roughage as October.

Dec.—Same ration as given in November.

Jan.—Same ration as given in October.

Feb.—Same ration as given in November.

Mar.—8 lbs. molasses dairy feed daily; alfalfa with pasture after the 20th.

Apr.—6 lbs. molasses dairy feed daily; 15 lbs. ensilage, alfalfa and pasture.

5403 Duenota 2d 31463

Sire Marshall Holcomb 10287 A. R.
Sire Jim Marshall 8280 A. R.
Dam Lucretia's Maid of Honor 3d 16992 A. R. 2085.
Dam Duenota 20629.
Sire Imp. Lover Bold 8400 A. R.
Dam Duenna 13957.
Breeder C. V. Lochridge, Auburn, Wash.
Owner Wallace B. Douglas, Ferndale, Wash.
Born May 18, 1907. *Calved* Apr. 8, 1916.
Served Nov. 1, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Washington Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Apr. 14, 1916,	683.50	5.19	35.47
May, "	1258.80	5.53	69.61
June, "	1122.40	5.19	58.25
July, "	996.10	6.42	63.95
Aug., "	1027.30	5.26	54.04
Sept., "	829.80	5.84	48.46
Oct., "	734.20	6.37	46.77
Nov., "	638.30	6.36	40.60
Dec., "	554.90	7.01	38.90
Jan., 1917,	552.70	6.55	36.20
Feb., "	493.40	6.43	31.73
Mar., "	565.60	5.94	33.60
Apr. 13, "	231.00	6.55	15.13
Total	**9688.00**	**5.91 Av.**	**572.71**

Owner's Statement of Feed

Apr.—151 lbs. grain: 65 lbs. bran, 8.5 lbs. middlings, 28 lbs. ground oats, 36.5 lbs. Lilly's Butter Fat, 13 lbs. oil meal; 44 lbs. beet pulp, 196 lbs. green rye, 74 lbs. alfalfa, 32 lbs. hay, pasture from the 25th.

May—210 lbs. grain: 88 lbs. bran, 36 lbs. middlings, 68 lbs. Lilly's Butter Fat, 18 lbs. oil meal; 93 lbs. beet pulp, 372 lbs. green rye, 140 lbs. alfalfa, pasture.

June—234 lbs. grain: 144 lbs. bran, 81 lbs. shorts, 9 lbs. oil meal; 27 lbs. beet pulp, cut grass and pasture.

July—279 lbs. grain: 186 lbs. bran, 5 lbs. corn meal, 88 lbs. shorts; cut grass and pasture.

Aug.—312 lbs. grain: 177 lbs. bran, 10 lbs. corn meal, 63 lbs. ground oats, 62 lbs. shorts; pasture.

Sept.—303 lbs. grain: 142 lbs. bran, 38 lbs. ground oats, 19 lbs. shorts, 66 lbs. speltz, 38 lbs. Lilly's Butter Fat; pasture.

Oct.—348 lbs. grain: 186 lbs. bran, 162 lbs. speltz; 36 lbs. beet pulp, 340 lbs. roots, hay and pasture.

Nov.—300 lbs. grain: 150 lbs. each bran and speltz; 90 lbs. beet pulp, 600 lbs. roots, kale and hay.

Dec.—310 lbs. grain: 155 lbs. each bran and speltz; 95 lbs. beet pulp, 600 lbs. roots, kale to the 18th, hay.

Jan.—Same grain ration as December; 155 lbs. beet pulp, hay.

Feb.—280 lbs. grain: 140 lbs. each bran and speltz; 168 lbs. beet pulp, hay.

Mar.—322 lbs. grain: 131 lbs. bran, 24 lbs. ground oats, 167 lbs. speltz; 124 lbs. beet pulp, hay.

Apr.—130 lbs. grain: 52 lbs. each bran and speltz, 26 lbs. ground oats; 52 lbs. beet pulp, hay.

5404 Granalta L. 2d 31465

Sire Marshall Holcomb 10287 A. R.
Sire Jim Marshall 8280 A. R.
Dam Lucretia's Maid of Honor 3d 16992 A. R. 2085.
Dam Granalta L. 20631.
Sire Imp. Lover Bold 8400 A. R.
Dam Grandiflora L. 13950.
Breeder C. V. Lochridge, Auburn, Wash.
Owner Harold B. Douglas, Ferndale, Wash.
Born Aug. 7, 1909. *Calved* Apr. 2, 1916.
Served Oct. 22, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Washington Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Apr.	7, 1916,	926.50	4.22	39.10
May,	"	1189.50	4.27	50.79
June,	"	1079.70	4.48	48.37
July,	"	942.20	4.63	43.62
Aug.,	"	936.40	5.17	48.41
Sept.,	"	713.10	5.79	41.29
Oct.,	"	576.10	5.96	34.34
Nov.,	"	467.10	5.86	27.37
Dec.,	"	402.50	6.17	24.83
Jan.,	1917,	367.40	5.63	20.68
Feb.,	"	312.80	5.86	18.33
Mar.,	"	298.90	5.01	14.97
Apr.	6, "	51.40	5.01	2.58
Total		**8263.60**	**5.02 Av.**	**414.68**

Owner's Statement of Feed

Apr.—213 lbs. grain: 96 lbs. bran, 7.5 lbs. middlings, 57.5 lbs. ground oats, 36.5 lbs. Lilly's Butter Fat, 15.5 lbs. oil meal; 63 lbs. beet pulp, 241 lbs. green rye, 74 lbs. each alfalfa and hay, pasture from the 25th.

May—195 lbs. grain: 88 lbs. bran, 29 lbs. middlings, 60 lbs. Lilly's Butter Fat, 18 lbs. oil meal; 93 lbs. beet pulp, 372 lbs. green rye, 156 lbs. alfalfa, pasture.

June—213 lbs. grain: 123 lbs. bran, 81 lbs. shorts, 9 lbs. oil meal; 27 lbs. beet pulp, cut grass and pasture.

July—248 lbs. grain: 150 lbs. bran, 5 lbs. corn meal, 93 lbs. shorts; cut grass and pasture.

Aug.—284 lbs. grain: 124 lbs. bran, 10 lbs. corn meal, 78 lbs. ground oats, 72 lbs. shorts; soilage and pasture.

Sept.—262 lbs. grain: 112 lbs. bran, 57 lbs. ground oats, 19 lbs. each shorts and Lilly's Butter Fat, 55 lbs. speltz; pasture.

Oct.—286 lbs. grain: 143 lbs. each bran and speltz; 36 lbs. beet pulp, 340 lbs. roots, hay and pasture.

Nov.—210 lbs. grain: 120 lbs. bran, 90 lbs. speltz; 90 lbs. beet pulp, 600 lbs. roots, kale and hay.

Dec.—217 lbs. grain: 124 lbs. bran, 93 lbs. speltz; 95 lbs. beet pulp, 600 lbs. roots, kale to the 18th, hay.

Jan.—Same grain ration as December; 155 lbs. beet pulp, hay.

Feb.—200 lbs. grain: 112 lbs. bran, 84 lbs. speltz, 4 lbs. oil meal; 112 lbs. beet pulp, hay.

Mar.—217 lbs. grain: 124 lbs. bran, 24 lbs. ground oats, 69 lbs. speltz; 62 lbs. beet pulp, hay.

Apr.—36 lbs. grain: 24 lbs. bran, 12 lbs. speltz; 12 lbs. beet pulp, hay.

5405 Imp. Poundstock's Lady 34654

Sire Imp. Gay Boy of the Isle 16998 A. R.
Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Dam La Fleur du Jardin X. R. G. A. S. 4706 P. S.
Dam Imp. Raymond's Lady Poundstock 33223.
Sire Imp. Raymond of the Préel 11353 A. R.
Dam Poundstock R. G. A. S. 5811 P. S.
Breeder George A. Mauger, Island of Guernsey.
Owner C. Christensen, La Crosse, Wis.
Born Dec. 19, 1910. *Calved* May 1, 1916.
Served May 3, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
May	5, 1916,	805.80	4.58	36.91
June,	"	960.80	4.83	46.41
July,	"	946.50	5.06	47.89
Aug.,	"	900.20	4.99	44.92
Sept.,	"	766.80	5.19	39.80
Oct.,	"	669.10	5.53	37.00
Nov.,	"	617.40	5.80	35.81
Dec.,	"	634.50	5.86	37.18
Jan.,	1917,	625.60	5.94	37.16
Feb.,	"	559.00	5.85	32.70
Mar.,	"	643.40	5.96	38.35
Apr.,	"	640.90	5.78	37.04
May	4, "	86.10	5.78	4.98
Total		**8856.10**	**5.38 Av.**	**476.15**

Owner's Statement of Feed

May—12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, gluten, and oil meal, 400 lbs. Brewers' Grains; 3 lbs. beet pulp, 20 lbs. ensilage, alfalfa and pasture.

June—12 lbs. grain daily of the following mixture: 300 lbs. each bran and Distillers' Grains, 100 lbs. each ground oats and oil meal, 200 lbs. Brewers' Grains; 15 lbs. ensilage, alfalfa and pasture.

July—12 lbs. grain daily of the following mixture: 300 lbs. each bran and Distillers' Grains, 100 lbs. each corn meal, ground oats, and oil meal, 200 lbs. Brewers' Grains; 15 lbs. ensilage, alfalfa and pasture.

Aug.—12 lbs. grain daily of the following mixture: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats, 50 lbs. oil meal; ensilage, alfalfa, and pasture.

Sept.—13 lbs. grain daily, 12 lbs. of the following mixture with 1 lb. oil meal added: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats; 25 lbs. ensilage, alfalfa and pasture.

Oct.—18 lbs. grain daily of the following mixture: 103 lbs. bran, 57 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 71 lbs. gluten, 20 lbs. oil meal; 45 lbs. ensilage, mixed hay.

Nov.—Same grain ration as October except 22 lbs. ground oats dropped from mixture; 45 lbs. ensilage, mixed hay.

Dec.—Same grain ration as November; 5 lbs. beets, 45 lbs. ensilage, mixed hay.

Jan.—Same grain ration as November to the 10th except 21 lbs. gluten dropped from mixture, then 18 lbs. of the following mixture: 103 lbs. bran, 60 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 40 lbs. oil meal; 6 lbs. beets, 45 lbs. ensilage, mixed hay.

Feb.—16 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 150 lbs. Ajax Flakes, 90 lbs. oil meal; 6 lbs. beets to the 23rd, 40 lbs. ensilage, mixed hay.

Mar.—14 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 150 lbs. each ground oats and Ajax Flakes; 40 lbs. ensilage, mixed hay.

Apr.—10 lbs. grain daily, to the 11th same mixture as March then of 100 lbs. each ground oats and oil meal, 200 lbs. Ajax Flakes; 40 lbs. ensilage, mixed hay.

May—8 lbs. grain daily same mixture as March; 40 lbs. ensilage, mixed hay.

5406 President's Star of Lewison 34653

Sire Imp. President of the Isle 14857 A. R.
Sire Imp. France's Jewel VIII. 11251.
Dam Freesia IV. R. G. A. S. 6394 P. S.
Dam Imp. Fine Star 29364.
Sire Coronation King IV. R. G. A. S. 1704 P. S., A. R.
Dam Imp. Epinel Rose 38645.
Breeder Alfred G. Lewis, Geneva, N. Y.
Owner C. Christensen, La Crosse, Wis.
Born Dec. 15, 1910. *Calved* May 5, 1916.
Served Jan. 16, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
May	8, 1916,	1096.30	3.68	40.34
June,	"	1289.80	4.70	60.62
July,	"	1205.50	5.01	60.40
Aug.,	"	1126.00	5.11	57.54
Sept.,	"	1064.10	5.45	57.99
Oct.,	"	894.30	5.92	52.94
Nov.,	"	777.90	5.78	44.96
Dec.,	"	730.20	5.49	40.09
Jan.,	1917,	683.30	6.10	41.68
Feb.,	"	581.50	5.92	34.42
Mar.,	"	668.60	5.73	38.31
Apr.,	"	583.50	6.19	36.12
May	7, "	131.90	6.21	8.19
Total		**10832.90**	**5.29 Av.**	**573.00**

Owner's Statement of Feed

May—14 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, gluten, and oil meal, 400 lbs. Brewers' Grains; 3 lbs. beet pulp, 20 lbs. ensilage, alfalfa.

June—15 lbs. grain daily of the following mixture: 300 lbs. each bran and Distillers' Grains, 100 lbs. each ground oats and oil meal, 200 lbs. Brewers' Grains; 15 lbs. ensilage, alfalfa and pasture.

July—15 lbs. grain daily of the following mixture: 300 lbs. each bran and Distillers' Grains, 100 lbs. each hominy, ground oats, and oil meal, 200 lbs. Brewers' Grains; 15 lbs. ensilage, alfalfa and pasture.

Aug.—15 lbs. grain daily of the following mixture: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and corn meal, 50 lbs. oil meal; ensilage, alfalfa, and pasture.

Sept.—15 lbs. grain daily, 14 lbs. of the following mixture with 1 lb. oil meal added: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats; 25 lbs. ensilage, alfalfa and pasture.

Oct.—18 lbs. grain daily of the following mixture: 103 lbs. bran, 57 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 71 lbs. gluten, 20 lbs. oil meal; 45 lbs. ensilage, mixed hay.

Nov.—Same grain ration as October except 22 lbs. ground oats dropped from mixture; 45 lbs. ensilage, mixed hay.

Dec.—Same grain ration as November; 5 lbs. beets, 45 lbs. ensilage, mixed hay.

Jan.—Same grain ration as November to the 10th except 21 lbs. gluten dropped from mixture, then 18 lbs. of the following mixture: 103 lbs. bran, 60 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 40 lbs. oil meal; 6 lbs. beets, 45 lbs. ensilage, mixed hay.

Feb.—16 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 150 lbs. Ajax Flakes, 90 lbs. oil meal; 6 lbs. beets to the 23d, 40 lbs. ensilage, mixed hay.

Mar.—14 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 150 lbs. each ground oats and Ajax Flakes; 40 lbs. ensilage, mixed hay.

Apr.—11 lbs. grain daily, to the 11th same mixture as March then of 100 lbs. each ground oats and oil meal, 200 lbs. Ajax Flakes; 40 lbs. ensilage, mixed hay.

May—8 lbs. grain daily same mixture as March; 40 lbs. ensilage, mixed hay.

5407 Imp. Deanie's Pride 47184

Sire Deanie's Squire R. G. A. S. 2734 P. S., A. R.
Sire Alderney II. R. G. A. S. 2215 P. S., A. R.
Dam Deanie XII. R. G. A. S. 4699 P. S.
Dam Primrose of the Duvaux R. G. A. S. 3517 F. S.
Sire Hero of the Park R. G. A. S. 1438 P. S.
Dam Dinah of the Fountain R. G. A. S. 3238 F. S.
Breeder J. E. Sherwill, Island of Guernsey.
Owner F. I. Vander Beek, Glen Spey, N. Y.
Born Feb. 22, 1913. *Calved* Apr. 21, 1916.
Served Sept. 24, 1916.
Requirement for admission: 293.70 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class E

		Milk	Butter Fat	
		lbs.	%	lbs.
May	1, 1916,	837.90	4.99	41.81
June,	"	862.80	4.49	38.74
July,	"	793.70	4.34	34.45
Aug.,	"	664.10	4.44	29.49
Sept.,	"	608.60	4.61	28.06
Oct.,	"	652.40	4.34	28.31
Nov.,	"	621.80	4.40	27.36
Dec.,	"	553.90	4.76	26.37
Jan.,	1917,	483.60	5.02	24.28
Feb.,	"	434.60	5.02	21.82
Mar.,	"	453.70	5.47	24.82
Apr.	30, "	476.60	5.11	24.35
Total		**7443.70**	**4.70 Av.**	**349.86**

Owner's Statement of Feed

May—257 lbs. grain of the following mixture: 200 lbs. each bran and crushed oats, 100 lbs. each hominy, gluten, and alfalfa feed, 50 lbs. each cottonseed meal and oil meal; 256 lbs. green alfalfa from the 15th, 465 lbs. each ensilage and alfalfa hay, pasture.

June—300 lbs. grain of the following mixture: 200 lbs. each bran and crushed oats, 100 lbs. each hominy and gluten, 50 lbs. each cottonseed meal and oil meal; 450 lbs. ensilage, green clover and alfalfa, 150 lbs. alfalfa hay, pasture.

July—310 lbs. grain same mixture as June; 310 lbs. ensilage, green clover to the 5th then green peas and oats, pasture.

Aug.—Same grain ration as July; green corn to the 18th then green clover, 310 lbs. ensilage, pasture.

Sept.—270 lbs. grain same mixture as May; 300 lbs ensilage, 450 lbs. clover hay, pasture.

Oct.—279 lbs. grain same mixture as May; 248 lbs. each potatoes and pumpkins, 465 lbs. each ensilage and alfalfa.

Nov.—270 lbs. of the following mixture: 200 lbs. bran, 100 lbs. each hominy, gluten, and alfalfa feed, 50 lbs. each cottonseed meal and oil meal; 240 lbs. each potatoes and pumpkins, 450 lbs. each ensilage and alfalfa.

Dec.—279 lbs. grain of the following mixture: 200 lbs. bran, 100 lbs. each hominy, crushed oats, gluten, alfalfa feed, and oil meal; 310 lbs. roots, 465 lbs. each ensilage and alfalfa.

Jan.—217 lbs. grain of the following mixture: 200 lbs. each bran and crushed oats, 100 lbs. each hominy and alfalfa feed, 50 lbs. each cottonseed meal and oil meal; 310 lbs. roots, 465 lbs. each ensilage and alfalfa.

Feb.—196 lbs. grain same mixture as January; 420 lbs. each ensilage and alfalfa.

Mar.—Same grain ration as January; 465 lbs. ensilage, 310 lbs. alfalfa.

Apr.—210 lbs. grain of the following mixture: 200 lbs. bran, 100 lbs. each middlings and crushed oats, 300 lbs. Cow-Chow; 450 lbs. each ensilage and alfalfa.

5408 Belardo's Lassie of Hillside 49589

Sire Stranford's Glenwood of Pinehurst 4th 16482 A. R.
Sire Stranford's Glenwood of Pinehurst 13609 A. R.
Dam Norah of Pinehurst 16334 A. R. 454.
Dam Belardo's Pride 20797.
Sire Belardo of Hillside 7753.
Dam Bandanna's Pride 2d 16269.
Breeder Est. Joseph Evans, Marlton, N. J.
Owner J. Griswold Webb, Clinton Corners, N. Y.
Born Oct. 8, 1913. *Calved* June 4, 1916.
Served Apr. 10, 1917.
Requirement for admission: 274.80 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
June 9, 1916,	612.30	5.49	33.62
July, "	814.30	5.35	43.57
Aug., "	798.20	5.25	41.91
Sept., "	664.80	5.31	35.30
Oct., "	734.50	5.93	43.56
Nov., "	646.60	5.86	37.89
Dec., "	622.30	6.40	39.83
Jan., 1917,	622.20	6.66	41.44
Feb., "	558.90	6.55	36.61
Mar., "	578.70	6.94	40.16
Apr., "	545.40	6.75	36.81
May, "	571.30	6.79	38.79
June 8, "	160.00	6.79	10.86
Total	**7929.50**	**6.06 Av.**	**480.35**

Owner's Statement of Feed

June—7 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 5 lbs. ensilage, green clover and pasture.

July—9.5 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 7 lbs. ensilage, green clover and pasture.

Aug.—10 lbs. grain daily same mixture as June; 10 lbs. ensilage, green corn, green alfalfa, and pasture.

Sept.—9.25 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 150 lbs. cottonseed meal; green alfalfa and pasture.

Oct.—10.25 lbs. grain daily same mixture as September; 10 lbs. ensilage daily with green alfalfa and pasture to the 16th, then 30 lbs. ensilage and 12 lbs. hay.

Nov.—10.5 lbs. grain daily to the 15th same mixture as September; 30 lbs. ensilage, 10 lbs. clover hay, then 12.5 lbs. grain daily of 3.5 lbs. Brewers' Grains and 9 lbs. of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. clover hay.

Dec.—11.5 lbs. grain daily, 3 lbs. Brewers' Grains and 8.5 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. clover hay.

Jan.—10.5 lbs. grain daily, 3.5 lbs. Brewers' Grains and 7 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 150 lbs. cottonseed meal; 2 lbs. beet pulp to the 15th, 6 lbs. roots to the 15th then 8 lbs., 20 lbs. ensilage, 10 lbs. clover hay.

Feb.—9 lbs. grain daily, 3 lbs. Brewers' Grains and 6 lbs. same mixture as January; 10 lbs. roots, 25 lbs. ensilage, 12 lbs. clover hay

Mar.—9 lbs. grain daily, 3 lbs. Larro-Feed and 6 lbs. same mixture as January with 125 lbs. Brewers' Grains added to mixture; 8 lbs. roots, 15 lbs. ensilage, 10 lbs. clover hay.

Apr.—9 lbs. grain daily, 3 lbs. Larro-Feed and 6 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 50 lbs. D. D. D. Grains, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 10 lbs. each roots and clover hay, 20 lbs. ensilage.

May—11 lbs. grain daily, 3 lbs. Larro-Feed and 8 lbs. of the following mixture: 100 lbs. each bran, ground oats, D. D. D. Grains, and gluten, 200 lbs. corn meal, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 20 lbs. ensilage, 10 lbs. clover hay.

June—10 lbs. grain daily, 3 lbs. Larro-Feed and 7 lbs. same mixture as May; green grass and pasture.

5409 Bella Donna of Hillside 49590

Sire Stranford's Glenwood of Pinehurst 4th 16482 A. R.
Sire Stranford's Glenwood of Pinehurst 13609 A. R.
Dam Norah of Pinehurst 16334 A. R. 454.
Dam Belle Ford of Hillside 24989.
Sire Great Scott of Hillside 9674.
Dam Isabella of Hillside 2d 16319.
Breeder Est. Joseph Evans, Marlton, N. J.
Owner J. Griswold Webb, Clinton Corners, N. Y.
Born Oct. 29, 1913. *Calved* May 23, 1916.
Served Apr. 19, 1917.
Requirement for admission: 271.70 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
May 30, 1916,	49.50	4.37	2.16
June, "	742.40	4.37	32.44
July, "	686.40	4.33	29.72
Aug., "	710.10	4.79	34.01
Sept., "	632.60	4.63	29.29
Oct., "	663.20	5.12	33.96
Nov., "	582.80	5.70	33.22
Dec., "	568.00	5.92	33.63
Jan., 1917,	548.70	6.12	33.58
Feb., "	478.60	5.86	28.05
Mar., "	525.70	6.51	34.22
Apr., "	530.80	5.86	31.10
May 29, "	508.50	5.78	29.39
Total	**7227.30**	**5.32 Av.**	**384.77**

Owner's Statement of Feed

May—4 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 50 lbs. oil meal; 6 lbs. each roots and hay, 15 lbs. ensilage.

June—7 lbs. grain daily to the 9th, then 8 lbs., of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 5 lbs. ensilage, green clover and pasture.

July—8.25 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 7 lbs. ensilage, green clover and pasture.

Aug.—9 lbs. grain daily same mixture as June; 10 lbs. ensilage, green corn, green alfalfa, and pasture.

Sept.—9.5 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 150 lbs. cottonseed meal; green alfalfa and pasture.

Oct.—10.25 lbs. grain daily same mixture as September; 15 lbs. ensilage to the 16th with green alfalfa and pasture, then 30 lbs. ensilage and 10 lbs. hay.

Nov.—9 lbs. grain daily to the 14th of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 150 lbs. cottonseed meal; 25 lbs. ensilage, 7.5 lbs. clover hay, then 10 lbs. grain daily of 3.5 lbs. Brewers' Grains and 6.5 lbs. of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2.5 lbs. beet pulp, 20 lbs. ensilage, 7.5 lbs. clover hay.

Dec.—9.5 lbs. grain daily, 3 lbs. Brewers' Grains and 6.5 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. clover hay.

Jan.—10 lbs. grain daily to the 15th of 3 lbs. Brewers' Grains and 7 lbs. of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 50 lbs. oil meal, then 9 lbs. grain daily of 3 lbs. Brewers' Grains and 6 lbs. same mixture; 8 lbs. roots, 20 lbs. ensilage, 10 lbs. clover hay.

Feb.—8 lbs. grain daily, 3 lbs. Brewers' Grains and 5 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 150 lbs. cottonseed meal; 10 lbs. each roots and clover hay, 20 lbs. ensilage.

Mar.—8 lbs. grain daily, 3 lbs. Larro-Feed and 5 lbs. same mixture as February with 125 lbs. Brewers' Grains added; 8 lbs. roots, 15 lbs. ensilage, 10 lbs. clover hay.

Apr.—7 lbs. grain daily, 3 lbs. Larro-Feed and 4 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Brewers' Grains, 50 lbs. D. D. D. Grains, 150 lbs. cottonseed meal; 10 lbs. each roots and clover hay, 15 lbs. ensilage.

May—10 lbs. grain daily, 3 lbs. Larro-Feed and 7 lbs. of the following mixture: 100 lbs. each bran, ground oats, D. D. D. Grains, and gluten, 200 lbs. corn meal, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 15 lbs. ensilage, 10 lbs. clover hay.

5410 Imp. Blue Bell of the Préel IV. 50380

Sire Raymond of La Croix R. G. A. S. 2692 P. S., A. R.
Sire Imp. Raymond of the Préel IV. 19235 A. R.
Dam Rougette of la Croix R. G. A. S. 3210 F. S.
Dam Blue Bell of the Préel R. G. A. S. 3584 F. S., R. A. A. S. 574 F. S.
Sire On Alderney.
Dam On Alderney.
Breeder James W. Martel, Island of Guernsey.
Owner J. Griswold Webb, Clinton Corners, N. Y.
Born June 9, 1913. *Calved* May 25, 1916.
Served Dec. 18, 1916.
Requirement for admission: 286.10 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
June 1, 1916,	647.30	5.06	32.75
July, "	678.60	4.64	31.49
Aug., "	644.40	5.18	33.38
Sept., "	507.20	5.23	26.53
Oct., "	584.00	5.42	31.65
Nov., "	490.60	6.22	30.52
Dec., "	471.50	6.20	29.23
Jan., 1917,	470.30	5.94	27.94
Feb., "	423.00	5.99	25.34
Mar., "	462.80	5.97	27.63
Apr., "	465.00	6.40	29.76
May 31, "	439.70	6.53	28.71
Total	**6284.40**	**5.65 Av.**	**354.93**

Owner's Statement of Feed

June—6 lbs. grain daily to the 9th, then 9 lbs., of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 10 lbs. ensilage, pasture.

July—10.25 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 7 lbs. ensilage, green clover and pasture.

Aug.—8.75 lbs. grain daily same mixture as June; 7.5 lbs. ensilage, green corn, green alfalfa, and pasture.

Sept.—9 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 150 lbs. cottonseed meal; green alfalfa and pasture.

Oct.—10 lbs. grain daily same mixture as September; 12 lbs. ensilage with green alfalfa and pasture to the 16th, then 25 lbs. ensilage and 12 lbs. hay.

Nov.—10 lbs. grain daily to the 14th same mixture as September; 30 lbs. ensilage, 10 lbs. clover hay, then 11 lbs. grain daily of 3.5 lbs. Brewers' Grains and 7.5 lbs. of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. clover hay.

Dec.—9 lbs. grain daily, 3 lbs. Brewers' Grains and 6 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 12 lbs. clover hay.

Jan.—9 lbs. grain daily, 3 lbs. Brewers' Grains and 6 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 150 lbs. cottonseed meal; 3 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. mixed hay.

Feb.—Same grain ration as January; 4 lbs. beet pulp, 12 lbs. ensilage, 15 lbs. hay.

Mar.—9 lbs. grain daily, 3 lbs. Larro-Feed and 6 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 20 lbs. ensilage, 15 lbs. clover hay.

Apr.—9 lbs. grain daily, 3 lbs. Larro-Feed and 6 lbs. same mixture as March with 50 lbs. D. D. D. Grains added; 20 lbs. ensilage, 10 lbs. hay.

May—9 lbs. grain daily, 3 lbs. Larro-Feed and 6 lbs. same mixture as March with 100 lbs. D. D. D. Grains added; 20 lbs. ensilage, 10 lbs. clover hay.

5411 Brookmead Laona Bell 45161

Sire Garçon de Rouvets 16995 A. R.
Sire Imp. Ramée's Sequel 10463 A. R.
Dam Imp. Clara of the Rouvets XIII. 18531 A. R. 1345.
Dam Donna Laona 2d 37093.
Sire Donald Bell 12646 A. R.
Dam Donna Laona 24900.
Breeder Frank Graham Thomson, Devon, Pa.
Owner J. Griswold Webb, Clinton Corners, N. Y.
Born May 1, 1913. *Calved* June 5, 1916.
Served May 13, 1917.
Requirement for admission: 290.90 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class E

		Milk	Butter Fat	
		lbs.	%	lbs.
June	10, 1916,	603.10	5.41	32.63
July,	"	911.50	3.80	34.64
Aug.,	"	846.00	3.78	31.98
Sept.,	"	754.90	3.64	27.48
Oct.,	"	852.60	4.09	34.87
Nov.,	"	799.50	4.25	33.98
Dec.,	"	748.50	4.29	32.11
Jan.,	1917,	694.80	4.66	32.38
Feb.,	"	636.90	3.81	24.27
Mar.,	"	714.50	4.23	30.22
Apr.,	"	683.90	4.28	29.27
May,	"	730.10	4.28	31.25
June 9,	"	227.10	4.28	9.72
Total		**9203.40**	**4.18 Av.**	**384.80**

Owner's Statement of Feed

June—6 lbs. grain daily to the 14th, then 8 lbs., of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 5 lbs. ensilage, green clover and pasture.

July—10.5 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 7 lbs. ensilage, green clover and pasture.

Aug.—10.25 lbs. grain daily same mixture as June; 10 lbs. ensilage, green corn, green alfalfa, and pasture.

Sept.—7.75 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 150 lbs. cottonseed meal; green alfalfa and pasture.

Oct.—10 lbs. grain daily same mixture as September; 12 lbs. ensilage with green alfalfa and pasture to the 16th, then 30 lbs. ensilage and 10 lbs. hay.

Nov.—9 lbs. grain daily to the 14th of same mixture as September; 30 lbs. ensilage, 10 lbs. clover hay, then 11 lbs. grain daily of 3.5 lbs. Brewers' Grains and 7.5 lbs. of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. clover hay.

Dec.—11 lbs. grain daily, 3 lbs. Brewers' Grains and 8 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. clover hay.

Jan.—10.5 lbs. grain daily, 3.5 lbs. Brewers' Grains and 7 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 150 lbs. cottonseed meal; 8 lbs. roots, 20 lbs. ensilage, 10 lbs. clover hay.

Feb.—9 lbs. grain daily, 3 lbs. Brewers' Grains and 6 lbs. same mixture as January; 10 lbs. roots, 25 lbs. ensilage, 15 lbs. clover hay.

Mar.—8 lbs. grain daily, 3 lbs. Larro-Feed and 5 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 12 lbs. each roots and clover hay, 20 lbs. ensilage.

Apr.—Same grain ration as March to the 18th with 50 lbs. D. D. D. Grains added to mixture, then 7 lbs. of 3 lbs. Larro-Feed and 4 lbs. same mixture; 12 lbs. each roots and clover hay, 20 lbs. ensilage.

May—10 lbs. grain daily, 3 lbs. Larro-Feed and 7 lbs. same mixture as March with 100 lbs. D. D. D. Grains added; 20 lbs. ensilage, 12 lbs. clover hay.

June—9 lbs. grain daily, 3 lbs. Larro-Feed and 6 lbs. same mixture as May; green grass and pasture.

5412 Imp. Loulou's Maid 48461

Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Sire Compact R. G. A. S. 1076 P. S.
Dam Richesse du Chêne VIII. R. G. A. S. 4004 P. S.
Dam Loulou R. G. A. S. 3303 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder John Bourgaise, Island of Guernsey.
Owner J. Griswold Webb, Clinton Corners, N. Y.
Born July 5, 1912. *Calved* Apr. 26, 1916.
Served Nov. 21, 1916.
Requirement for admission: 316.90 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class D

		Milk	Butter Fat	
		lbs.	%	lbs.
May	1, 1916,	1153.00	5.00	57.65
June,	"	1050.20	4.56	47.89
July,	"	880.90	5.31	46.78
Aug.,	"	846.30	5.11	43.25
Sept.,	"	688.90	5.30	36.51
Oct.,	"	780.90	6.05	47.24
Nov.,	"	712.80	6.42	45.76
Dec.,	"	647.70	6.67	43.20
Jan.,	1917,	637.40	6.88	43.85
Feb.,	"	587.10	6.82	40.04
Mar.,	"	632.30	7.10	44.89
Apr. 30,	"	636.70	7.10	45.21
Total		**9254.20**	**5.86 Av.**	**542.27**

Owner's Statement of Feed

May—10.25 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. Brewers' Grains, 150 lbs. cottonseed meal; 8 lbs. roots, 25 lbs. ensilage, and 6 lbs. hay to the 21st, then 8 lbs. roots, 20 lbs. ensilage, and pasture.

June—8.5 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 10 lbs. ensilage, green clover and pasture.

July—10.5 lbs. grain daily to the 17th, then 4 lbs., of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 125 lbs. each Ajax Flakes and Brewers' Grains; 10 lbs. ensilage to the 17th then 5 lbs., green clover and pasture.

Aug.—9 lbs. grain daily same mixture as June; 7.5 lbs. ensilage, green corn, green alfalfa, and pasture.

Sept.—9 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. corn meal, 125 lbs. each Ajax Flakes and Brewers' Grains, 150 lbs. cottonseed meal; green alfalfa and pasture.

Oct.—11 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and oil meal, 200 lbs. ground oats; 12 lbs. ensilage with green alfalfa and pasture to the 16th, then 30 lbs. ensilage and 12 lbs. hay.

Nov.—11 lbs. grain daily to the 14th same mixture as October; 30 lbs. ensilage, 10 lbs. clover hay, then 12 lbs. grain daily of 3.5 lbs. Brewers' Grains and 8.5 lbs. of same mixture; 2.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. clover hay.

Dec.—12 lbs. grain daily, 3 lbs. Brewers' Grains and 9 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 12 lbs. clover hay.

Jan.—12.5 lbs. grain daily, 3.5 lbs. Brewers' Grains and 9 lbs. of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 50 lbs. oil meal; 2 lbs. beet pulp, 6 lbs. roots, 20 lbs. ensilage, and 10 lbs. clover hay to the 15th, then 8 lbs. roots, 20 lbs. ensilage, and 10 lbs. clover hay.

Feb.—11 lbs. grain daily, 3 lbs. Brewers' Grains and 8 lbs. same mixture as January; 10 lbs. roots, 20 lbs. ensilage, 12 lbs. clover hay.

Mar.—10 lbs. grain daily, 3 lbs. Larro-Feed and 7 lbs. of the following mixture: 100 lbs. each bran, ground oats, and gluten, 200 lbs. corn meal, 125 lbs. Distillers' Grains, 150 lbs. cottonseed meal; 12 lbs. roots, 20 lbs. ensilage, 10 lbs. clover hay.

Apr.—10 lbs. grain daily to the 14th of 3 lbs. Larro-Feed and 7 lbs. same mixture as March with 125 lbs. Brewers' Grains added, then 9.5 lbs. grain of 3 lbs. Larro-Feed and 6.5 lbs. same mixture; 15 lbs. roots, 20 lbs. ensilage, 10 lbs. clover hay.

5413 Chedda's Fanny of Overland View 54634

Sire Chedda's Sequel 21942.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Chedda's Beauty 31442 A. R. 2334.
Dam Imp. Fanny of Waddington 30741, A. R. 5213.
Sire Imp. Fanny's Sequel 19563 A. R.
Dam Imp. Moss Rose II. of the Barras 28523 A. R. 1574.
Breeder W. S. McBane, East Liverpool, Ohio.
Owner W. S. McBane, East Liverpool, Ohio.
Born May 15, 1914. *Calved* May 15, 1916.
Served Dec. 14, 1916.
Requirement for admission: 250.50 lbs. butter fat.
Supervised under one day test by Ohio State University, Columbus, Ohio.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
May	15, 1916,	419.90	4.62	19.40
June,	"	795.00	4.10	32.60
July,	"	673.60	5.66	38.13
Aug.,	"	660.10	4.81	31.75
Sept.,	"	565.60	5.10	28.85
Oct.,	"	571.10	5.18	29.58
Nov.,	"	512.40	5.25	26.90
Dec.,	"	493.80	5.50	27.16
Jan.,	1917,	529.80	5.06	26.81
Feb.,	"	444.70	5.94	26.42
Mar.,	"	508.70	5.15	26.20
Apr.,	"	446.10	5.30	23.64
May 14,	"	206.70	5.30	10.96
Total		**6827.50**	**5.10 Av.**	**348.40**

Owner's Statement of Feed

May—125.5 lbs. grain: 82.5 lbs. Larro-Feed, 43 lbs. Unicorn Dairy Ration; 85 lbs. roots, 17 lbs. hay, pasture.

June—300 lbs. grain: 180 lbs. Larro-Feed, 120 lbs. Unicorn Dairy Ration; 10 lbs. ensilage, 15 lbs. hay, pasture.

July—310 lbs. grain: 298 lbs. Larro-Feed, 12 lbs. Unicorn Dairy Ration; hay and pasture.

Aug.—335 lbs. grain: 100 lbs. bran, 12.5 lbs. middlings, 97.5 lbs. Larro-Feed, 75 lbs. gluten, 25 lbs. each cottonseed meal and oil meal; 12.5 lbs. beet pulp, 15.5 lbs. hay, pasture.

Sept.—300 lbs. grain: 90 lbs. each bran and gluten, 30 lbs. each middlings, cottonseed meal, and oil meal, 15 lbs. each corn meal and ground oats; 15 lbs. hay, pasture.

Oct.—341 lbs. grain: 136.4 lbs. each bran and gluten, 34.1 lbs. each cottonseed meal and oil meal; 120 lbs. ensilage, 62 lbs. alfalfa, 124 lbs hay.

Nov.—330 lbs. grain: 117 lbs. bran, 9 lbs. each corn meal and ground rye, 15 lbs. ground oats, 114 lbs. gluten, 33 lbs. each cottonseed meal and oil meal; 450 lbs. ensilage, 60 lbs. alfalfa, 120 lbs. hay.

Dec.—341 lbs. grain: 170.5 lbs. bran, 102.3 lbs. Unicorn Dairy Ration, 68.2 lbs. cottonseed meal; 620 lbs. ensilage, 124 lbs. alfalfa, 186 lbs hay.

Jan.—341 lbs. grain: 136.4 lbs. bran, 68.2 lbs. each Unicorn Dairy Ration, gluten, and oil meal; 620 lbs. ensilage, 62 lbs. alfalfa, 186 lbs. hay.

Feb.—308 lbs. grain: 30.8 lbs. each bran, Unicorn Dairy Ration, gluten, and cottonseed meal, 184.8 lbs. Union Grains; 560 lbs. ensilage, 280 lbs. hay.

Mar.—341 lbs. Unicorn Dairy Ration; 620 lbs. ensilage, 310 lbs. hay.

Apr.—330 lbs. grain: 60 lbs. each bran, hominy meal, Unicorn Dairy Ration, gluten, and oil meal, 30 lbs. ground oats; 600 lbs. ensilage, 300 lbs. hay.

May—140 lbs. grain: 70 lbs. ground oats, 35 lbs. each cottonseed meal and oil meal; 280 lbs. each roots and ensilage, 70 lbs. hay, pasture.

5414 Monhegan's Lady Roberts 37104

Sire Lord Roberts of Wheaton 7252 A. R.
Sire Standard 4652 A. R.
Dam Morn 5947 A. R. 343.
Dam Monhegan 19459.
Sire Faulkner of Rockford 10253.
Dam Margery of Rockford 19457.
Breeder Helendale Farms, Milwaukee, Wis.
Owner Helendale Farms, Milwaukee, Wis.
Born Apr. 7, 1911. *Calved* May 6, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
May 14, 1916,	482.10	4.40	21.21
June, "	1019.70	4.40	44.87
July, "	1044.80	3.97	41.48
Aug., "	776.10	5.29	41.06
Sept., "	704.60	4.49	31.64
Oct., "	731.00	3.95	28.87
Nov., "	635.10	4.11	26.10
Dec., "	649.50	4.56	29.62
Jan., 1917,	619.90	4.59	28.45
Feb., "	529.20	4.41	23.34
Mar., "	592.60	4.03	23.88
Apr., "	507.20	4.58	23.23
May 13, "	241.10	4.14	9.98
Total	**8532.90**	**4.38 Av.**	**373.73**

Owner's Statement of Feed

May—8 lbs. grain daily of .8 lb. each corn meal, ground oats, and oil meal, 2.4 lbs. Ajax Flakes, 3.2 lbs. ground clover and alfalfa; clover and blue grass pasture.

June—11.3 lbs. grain daily of 1.4 lbs. each ground oats and oil meal, 3.6 lbs. Ajax Flakes, and 4.9 lbs. ground clover and alfalfa; clover and blue grass pasture.

July—11 lbs. grain daily of the following mixture: 100 lbs. each ground oats and oil meal, 300 lbs. Ajax Flakes, 400 lbs. ground clover and alfalfa; clover and blue grass pasture.

Aug.—8 lbs. grain daily of 2.4 lbs. each bran and Ajax Flakes, .8 lb. each corn meal and cottonseed meal, and 1.6 lbs. ground oats; clover and blue grass pasture.

Sept.—9 lbs. grain daily of 1.8 lbs. each bran, ground oats, and ground barley, 2.7 lbs. Ajax Flakes, and .9 lb. oil meal; 10 lbs. ensilage, alfalfa hay and clover pasture.

Oct.—10 lbs. grain daily of 1 lb. ground oats, 2 lbs. ground barley, 2.5 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .5 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and alfalfa.

Nov.—8 lbs. grain daily of .8 lb. each ground oats and ground barley, 2 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .4 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Dec.—8 lbs. grain daily of .8 lb. ground barley, 1.6 lbs. ground oats, 2 lbs. Ajax Flakes, 3.2 lbs. ground clover and alfalfa, and .4 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa.

Jan.—6.9 lbs. grain daily of .7 lb. each ground oats and ground barley, 1.5 lbs. Ajax Flakes, 3.5 lbs. ground clover and alfalfa, and .5 lb. oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, mixed clover and alfalfa.

Feb.—8 lbs. grain daily of .8 lb. each ground oats, ground barley, and gluten, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground clover and alfalfa; 3 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Mar.—Same ration as given in February.

Apr.—7 lbs. grain daily of .7 lb. each ground oats, ground barley, and gluten, 2.1 lbs. Ajax Flakes, and 2.8 lbs. ground clover and alfalfa; 3 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

May—6 lbs. grain daily of .6 lb. each ground oats, ground barley, and gluten, 1.8 lbs. Ajax Flakes, 2.4 lbs. ground clover and alfalfa; 1 lb. beet pulp, 20 lbs. ensilage, mixed clover and timothy hay.

5415 Yeoman's Rival of Hardtcourt 57535

Sire Modena's Yeoman of Linwood 14283.
Sire Imp. Yeoman 8618 A. R.
Dam Royal Rival's Modena 21157.
Dam Altana's Snipe 19961.
Sire Lord Barclay 7348.
Dam Altana M. 14904.
Breeder George E. Kunhardt, North Andover, Mass.
Owner George E. Kunhardt, North Andover, Mass.
Born May 29, 1912. *Calved* May 12, 1916.
Served Oct. 10, 1916.
Requirement for admission: 322.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class D

	Milk	Butter Fat	
	lbs.	%	lbs.
May 15, 1916,	537.40	4.86	26.12
June, "	821.40	4.86	39.92
July, "	688.50	4.54	31.26
Aug., "	645.20	4.56	29.42
Sept., "	624.70	4.55	28.42
Oct., "	589.50	4.85	28.59
Nov., "	503.00	5.16	25.95
Dec., "	490.80	5.62	27.58
Jan., 1917,	442.90	5.61	24.85
Feb., "	383.10	5.54	21.22
Mar., "	403.20	5.67	22.86
Apr., "	328.10	5.76	18.90
May 14, "	128.00	5.76	7.37
Total	**6585.80**	**5.05 Av.**	**332.46**

Owner's Statement of Feed

May—166.5 lbs. grain: 29.5 lbs. bran, 34 lbs. ground oats, 28 lbs. each Brewers' Grains and Schumacher Dairy Feed, 29 lbs. gluten, 5.5 lbs. cottonseed meal, 12.5 lbs. oil meal; 34 lbs. beet pulp, 56 lbs. ensilage, 17 lbs. alfalfa, pasture.

June—365.5 lbs. grain: 60 lbs. each bran, ground oats, Brewers' Grains, and Schumacher Feed, 65.5 lbs. gluten, 30 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 26 lbs. alfalfa, pasture.

July—310 lbs. grain: 62 lbs. each bran, ground oats, Schumacher Dairy Feed, and gluten, 31 lbs. each cottonseed meal and oil meal; 62 lbs. beet pulp, 15 lbs. alfalfa, green oats and peas, pasture.

Aug.—Same grain ration as July; 62 lbs. beet pulp, green feed and pasture.

Sept.—354 lbs. grain: 54 lbs. bran, 60 lbs. each ground oats, Brewers' Grains, Schumacher Dairy Feed, and gluten, 30 lbs. each cottonseed meal and oil meal; green feed and pasture.

Oct.—356.5 lbs. grain: 46.5 lbs. bran, 62 lbs. each ground oats, Brewers' Grains, Schumacher Dairy Feed, and gluten, 31 lbs. each cottonseed meal and oil meal; 240 lbs. ensilage, barley feed and pasture to the 15th then rowen.

Nov.—360 lbs. grain: 60 lbs. each bran, ground oats, Brewers' Grains, Schumacher Feed, and gluten, 30 lbs. each cottonseed meal and oil meal; 610 lbs. ensilage, rowen.

Dec.—372 lbs. grain: 62 lbs. each bran, ground oats, Brewers' Grains, Schumacher Feed, and gluten, 31 lbs. each cottonseed meal and oil meal; 620 lbs. ensilage, rowen.

Jan.—310 lbs. grain: 62 lbs each bran, ground oats Brewers' Grains, and gluten, 31 lbs. each cottonseed mea and oil meal; 715 lbs. ensilage, rowen.

Feb.—308 lbs. grain: 56 lbs. each bran, ground oats, Brewers' Grains, and gluten, 28 lbs. each Grandin Stock Feed, cottonseed meal, and oil meal; 515 lbs. ensilage, 5 lbs. alfalfa from the 24th, rowen.

Mar.—341 lbs. grain: 62 lbs. each bran, ground oats, Brewers' Grains, and gluten, 31 lbs. each Grandin Stock Feed, cottonseed meal, and oil meal; 465 lbs. ensilage, 31 lbs. alfalfa, rowen.

Apr.—230 lbs. grain: 36 lbs. each bran and Brewers' Grains, 51 lbs. ground oats, 47 lbs. gluten, 30 lbs. each cottonseed meal and oil meal; 40 lbs. beet pulp, 360 lbs. ensilage, 30 lbs. alfalfa, rowen.

May—161 lbs. grain: 5 lbs. bran, 31 lbs. each ground oats, Brewers' Grains, cottonseed meal, and oil meal, 32 lbs. gluten; 62 lbs. beet pulp, 30 lbs. alfalfa, rowen to the 23rd then pasture.

5416 Bella Blossom 49172

Sire Julian of Koshkonong Place 14409 A. R.
Sire Jewel of Koshkonong Place 12202 A. R.
Dam Blossom of Koshkonong Place 24507 A. R. 1582.
Dam Imp. Bella II. du Grand Fort 36346 A. R. 2449.
Sire Imp. Princess's Jewel 24877 A. R.
Dam Bella du Grand Fort R. G. A. S. 3360 F. S.
Breeder G. G. Hartley, Duluth, Minn.
Owner G. G. Hartley, Duluth, Minn.
Born Jan. 25, 1914. *Calved* Apr. 9, 1916.
Requirement for admission: 258.90 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Apr. 20, 1916,	254.10	4.20	10.67
May, "	882.50	4.56	40.24
June, "	900.40	4.44	39.98
July, "	846.20	5.03	42.56
Aug., "	840.10	5.17	43.43
Sept., "	806.40	4.97	40.08
Oct., "	753.80	5.18	39.05
Nov., "	701.20	5.00	35.06
Dec., "	735.70	4.78	35.17
Jan., 1917,	736.00	4.89	35.99
Feb., "	639.20	5.11	32.66
Mar., "	698.80	4.86	33:96
Apr. 19, "	435.20	4.86	21.15
Total	**9229.60**	**4.88 Av.**	**450.00**

Owner's Statement of Feed

Apr.—5 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal and Ajax Flakes, 50 lbs. ground oats, 100 lbs. gluten, 75 lbs. oil meal; roots, ensilage, and alfalfa.

May—8 lbs. grain daily same mixture as April; roots, clover ensilage, hay, and pasture.

June—10 lbs. grain daily same mixture as April; alfalfa and pasture

July—11 lbs. grain daily same mixture as April; green clover and timothy, alfalfa hay.

Aug.—Same grain ration as June; green clover, alfalfa and mixed hay.

Sept.—Same grain ration as July; roots, ensilage, alfalfa, and mixed hay.

Oct.—12 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal, Ajax Flakes, and gluten, 100 lbs. each ground oats and oil meal; roots, ensilage, and alfalfa.

Nov.—12 lbs. grain daily same mixture as April; roots, ensilage, and hay.

Dec.—Same ration as given in November.

Jan.—12 lbs. grain daily same mixture as April; roots, ensilage, and clover hay.

Feb.—Same ration as given in January.

Mar.—Same ration as given in January.

Apr.—Same grain ration as January; beet pulp, ensilage, and hay.

5417 Nellie of Butternut Hill 48673

Sire Jim of Edgewater 16384 A. R.
Sire Imp. Holden IV. 12179 A. R.
Dam Imp. La Grande VII. du Bas Séjour 22707 A. R. 923.
Dam Standard Lady 25378.
Sire Lawton Standard 9128 A. R.
Dam Dandy Jim's Lady 23136.
Breeder John Ebels, Holland, Mich.
Owner John Ebels, Holland, Mich.
Born Nov. 13, 1913. *Calved* Apr. 23, 1916.
Served Dec. 14, 1916.
Requirement for admission: 267.30 lbs. butter fat.
Supervised under one day test by Michigan Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
May 1, 1916,	743.20	3.83	28.46
June, "	816.50	4.38	35.76
July, "	745.20	3.80	28.32
Aug., "	684.30	3.78	25.87
Sept., "	558.00	4.12	22.99
Oct., "	539.90	4.62	24.94
Nov., "	528.40	4.26	22.51
Dec., "	479.80	4.32	20.73
Jan., 1917,	464.00	4.29	19.91
Feb., "	414.70	4.23	17.54
Mar., "	436.00	4.64	20.23
Apr. 30, "	435.20	4.32	18.80
Total	**6845.20**	**4.18 Av.**	**286.06**

Owner's Statement of Feed

May—10 lbs. Larro-Feed daily; 24 lbs. hay to the 20th, then pasture.

June—10 lbs. Larro-Feed daily; pasture.

July—15 lbs. grain daily of 5 lbs. ground oats and 10 lbs. Larro-Feed; pasture.

Aug.—Same ration as given in July.

Sept.—10 lbs. Larro-Feed daily; 24 lbs. hay.

Oct.—10 lbs. Larro-Feed daily; 21 lbs. hay, pasture.

Nov.—Same grain ration as October; 30 lbs. ensilage, 7 lbs. hay.

Dec.—8 lbs. International Dairy Feed daily; 35 lbs. ensilage, 7 lbs. hay.

Jan.—Same grain ration as December; 30 lbs. ensilage, 7 lbs. hay.

Feb.—10 lbs. International Dairy Feed daily; 30 lbs. ensilage, 7 lbs. hay.

Mar.—Same ration as given in February.

Apr.—14 lbs. International Dairy Feed daily; 30 lbs. ensilage, 7 lbs. hay.

5418 Penta 43707

Sire The Country Gentleman of Edgewater 13898 A. R.
Sire Imp. Raynold 12178 A. R.
Dam Imp. Ladysmith of the Hunguets 22715 A. R. 1790
Dam Antoinette Doyle 22234 A. R. 1502.
Sire Perry Penwyn 11644 A. R.
Dam Ula Doyle 2d 22099.
Breeder Est. H. E. Taber, Castile, N. Y.
Owner Est. H. E. Taber, Castile, N. Y.
Born Jan 14, 1913. *Calved* Apr. 8, 1916.
Served July 22, 1916.
Requirement for admission: 295.30 lbs. butter fat.
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, New York.

Official Year's Record, Class E

		Milk	Butter Fat	
		lbs.	%	lbs.
Apr.	8, 1916,	790.00	5.87	46.37
May,	"	1166.20	6.01	70.09
June,	"	973.30	5.48	53.34
July,	"	928.30	4.85	45.02
Aug.,	"	815.30	5.27	42.97
Sept.,	"	738.00	5.40	39.85
Oct.,	"	736.20	5.30	39.02
Nov.,	"	662.30	5.41	35.83
Dec.,	"	614.50	5.50	33.80
Jan.,	1917,	565.10	5.55	31.36
Feb.,	"	444.60	5.75	25.56
Mar.,	"	302.50	5.80	17.55
Apr.	7, "	37.80	5.80	2.19
Total		**8774.10**	**5.50 Av.**	**482.95**

Owner's Statement of Feed

Apr.—270.5 lbs. grain, 41.9 lbs. bran, 22.8 lbs. each corn meal and ground oats, 24.5 lbs. oil meal, and 158.5 lbs. of the following mixture: 100 lbs. each bran, middlings, cottonseed meal, and oil meal, 25 lbs. ground corn and oats, 250 lbs. Ajax Flakes, 125 lbs. Brewers' Grains; 38 lbs. beet pulp, 805 lbs. ensilage, 230 lbs. alfalfa.

May—394 lbs. grain, 10 lbs. oil meal to the 10th, 4 lbs. bran from the 17th to the 20th, 238 lbs. of the following mixture: 100 lbs. each bran and middlings, 250 lbs. Ajax Flakes, 75 lbs. Brewers' Grains, 25 lbs. cottonseed meal, and 142 lbs. of equal parts bran, ground oats, and ground corn; 20 lbs. beet pulp to the 10th, 700 lbs. ensilage to the 20th, pasture from the 10th.

June—280 lbs. grain, 120 lbs. of the following mixture: 200 lbs. bran, 100 lbs. each middlings and ground (corn and oats), 50 lbs. each hominy, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes, and 160 lbs. of equal parts bran, middlings, ground corn, and ground oats; pasture.

July—248 lbs. grain, 124 lbs. of the following mixture: 200 lbs. bran, 50 lbs. each hominy, cottonseed meal, and oil meal, 100 lbs. ground corn and oats, 125 lbs. Ajax Flakes, and 124 lbs. of equal parts bran, middlings, ground corn, and ground oats; pasture.

Aug.—217 lbs. grain, 155 lbs. of 2 parts each bran and D. D. D. Grains, 1 part each middlings, hominy, ground corn and oats, gluten, cottonseed meal, and oil meal, and 62 lbs. of equal parts bran, ground corn, and ground oats; 155 lbs. beets, 775 lbs. ensilage, pasture.

Sept.—225 lbs. grain, 150 lbs. of the following mixture: 200 lbs. each bran and D. D. D. Grains, 100 lbs. each middlings, hominy, ground corn and oats, cottonseed meal, and oil meal and 75 lbs. of (1 part bran and 2 parts each corn and oats); 150 lbs. beets, 750 lbs. ensilage, pasture.

Oct.—287.5 lbs. grain, 67.5 lbs. same ration as September to the 9th, then 220 lbs. of the following mixture: 200 lbs. each bran and D. D. D. Grains, 100 lbs. each ground corn and oats, hominy, gluten, cottonseed meal, and oil meal, 125 lbs. Brewers' Grains; 930 lbs. ensilage, alfalfa.

Nov.—300 lbs. grain same mixture as last of October; 900 lbs. ensilage, alfalfa and mixed hay.

Dec.—325.5 lbs. Cornell Dairy Ration; 930 lbs. ensilage, 155 lbs. bean pods, alfalfa and hay.

Jan.—300 lbs. grain (estimate) same mixture as October; 155 lbs. beets, 775 lbs. ensilage, bean pods, alfalfa and mixed hay.

Feb.—200 lbs. grain (estimate) same mixture as October; beets, bean pods, ensilage, and alfalfa.

Mar.—100 lbs. grain (estimate) of the following mixture: 100 lbs. each bran, ground oats, and gluten, 50 lbs. corn meal, 125 lbs. Brewers' Grains, 200 lbs. D. D. D. Grains, 75 lbs. oil meal; ensilage, bean pods, alfalfa, and mixed hay.

Apr.—7 lbs. grain same mixture as March; same roughage.

5419 Evelyn of Elkview 43727

Sire Ideal's Senator 14736 A. R.
Sire Senator Trowbridge 11351 A. R.
Dam Ideal of Prospect Farm 15345 A. R. 995.
Dam Edith M. of Elkview 30328 A. R. 5358.
Sire Winner of the Meadows 9614 A. R.
Dam Princess Emeranda 14349 A. R. 2491.
Breeder A. J. Cullen, Elkview, Pa.
Owner A. J. Cullen, Elkview, Pa.
Born Aug. 20, 1912. *Calved* Mar. 25, 1916.
Served Aug. 22, 1916.
Requirement for admission: 309.30 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class D

		Milk	Butter Fat	
		lbs.	%	lbs.
Apr.	1, 1916,	1046.90	4.98	52.14
May,	"	1042.20	4.93	51.38
June,	"	887.30	5.43	48.18
July,	"	835.30	5.02	41.93
Aug.,	"	765.80	4.69	35.92
Sept.,	"	594.20	5.16	30.66
Oct.,	"	478.20	6.03	28.84
Nov.,	"	396.30	5.93	23.50
Dec.,	"	377.80	5.44	20.55
Jan.,	1917,	350.30	5.92	20.74
Feb.,	"	228.10	5.62	12.82
Mar.	31, "	215.60	6.27	13.52
Total		**7218.00**	**5.27 Av.**	**380.18**

Owner's Statement of Feed

Apr.—16 lbs. grain daily of the following mixture: 50 lbs. each bran and beet pulp, 100 lbs. each hominy meal and gluten meal, 300 lbs. Mingo Dairy Feed; 2 lbs. beet pulp, ensilage, corn fodder, and alfalfa.

May—10 lbs. grain daily of the following mixture: 300 lbs. each bran and Sucrene Feed, 500 lbs. each hominy and gluten, 375 lbs. Brewers' Grains; ensilage and alfalfa, pasture after the 15th.

June—12 lbs. Larro-Feed daily; green oats and peas and pasture.

July—10 lbs. Larro-Feed daily; green oats and peas and pasture.

Aug.—8 lbs. grain daily of equal parts Larro-Feed and Unicorn Dairy Ration; green corn and pasture.

Sept.—8 lbs. grain daily of equal parts Ajax Flakes, Larro-Feed, and Unicorn Dairy Ration; alfalfa.

Oct.—8 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten, 200 lbs. each Ajax Flakes and Unicorn Dairy Ration; ensilage, alfalfa, and pasture.

Nov.—8 lbs. grain daily of the following mixture: 75 lbs. corn and cob meal, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration; ensilage, corn stover, and alfalfa.

Dec.—6 lbs. grain daily of the following mixture: 100 lbs. each (corn and cob) meal and Unicorn Dairy Ration, 125 lbs. Ajax Flakes; ensilage, corn stover, and alfalfa.

Jan.—Same ration as given in December.

Feb.—5 lbs. grain daily of the following mixture: 100 lbs. each bran, corn and cob meal, Unicorn Dairy Ration, and gluten, 125 lbs. Ajax Flakes; ensilage, corn stover, and hay.

Mar.—Same ration as given in February.

5420 Glen's Caroline of Hollow Hill 49904

Sire King Glen 20796 A. R.
Sire Galore King's Prize 15125.
Dam Angela of the Glen 27477 A. R. 1934.
Dam Caroline of Chilmark 24812 A. R. 1462.
Sire Imp. Cora's Governor of Chilmark 8971 A. R.
Dam Caroline Masher 20611 A. R. 853.
Breeder G. W. Wilder, Colton, Cal.
Owner G. W. Wilder, Colton, Cal.
Born Mar. 9, 1914. *Calved* May 24, 1916.
Served May 7, 1917.
Requirement for admission: 258.80 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
June	1, 1916,	1088.73	4.50	48.99
July,	"	1074.90	4.71	50.63
Aug.,	"	918.60	5.22	47.95
Sept.,	"	746.20	4.91	36.64
Oct.,	"	674.30	5.99	40.39
Nov.,	"	631.60	5.70	36.00
Dec.,	"	594.20	6.04	35.89
Jan.,	1917,	541.10	5.80	31.38
Feb.,	"	463.90	5.67	26.30
Mar.,	"	516.90	5.75	29.72
Apr.,	"	443.20	5.46	24.20
May	31, "	398.60	5.77	23.00
Total		**8092.23**	**5.33 Av.**	**431.40**

Owner's Statement of Feed

June—286.5 lbs. grain; 5 lbs. bran, 23 lbs. cocoanut meal, 27.2 lbs. oil meal, and 231.3 lbs. of the following mixture: 45 lbs. each bran and cocoanut meal, 110 lbs. barley; 131 lbs. beet pulp, 260 lbs. ensilage, green alfalfa.

July—383 lbs. grain: 48.5 lbs. corn meal, 4 lbs. cocoanut meal, 30.5 lbs. oil meal, and 300 lbs. same mixture as June; 147 lbs. beet pulp, 99 lbs. ensilage, green alfalfa.

Aug.—403 lbs. grain: 62 lbs. corn meal, 31 lbs. oil meal, and 310 lbs. same mixture as June; 155 lbs. beet pulp, 93 lbs. ensilage, 62 lbs. oat hay.

Sept.—348 lbs. grain: 24.5 lbs. corn meal, 30 lbs. oil meal, and 293.5 lbs. same mixture as June; 150 lbs. beet pulp, 90 lbs. green corn, 63 lbs. ensilage, 42 lbs. oat hay, green alfalfa.

Oct.—388.5 lbs. grain: 37 lbs. corn meal, 31 lbs. oil meal, and 320.5 lbs. same mixture as June; 155 lbs. beet pulp, 310 lbs. green corn, green and dry alfalfa, pasture.

Nov.—355 lbs. grain: 26 lbs. corn meal, 29 lbs. oil meal, and 300 lbs. same mixture as June; 154 lbs. beet pulp, 664 lbs. ensilage, 50 lbs. green corn, alfalfa and pasture.

Dec.—221.5 lbs. grain: 17.5 lbs. oil meal and 204 lbs. same mixture as June; 221 lbs. beet pulp, 586 lbs. ensilage, alfalfa.

Jan.—341 lbs grain; 155 lbs. oil meal and 186 lbs. of the following mixture: 19.5 lbs. bran, 32.5 lbs. corn meal, 36 lbs. each ground barley and Sure Milk; 634 lbs. ensilage, alfalfa.

Feb.—175.5 lbs. grain; 19 lbs. oil meal and 156.5 lbs. of the following mixture: 24.5 lbs. bran, 40 lbs. corn meal, 43 lbs. each ground barley and Sure Milk; 224 lbs. beet pulp, 784 lbs. ensilage, alfalfa and pasture.

Mar.—124 lbs. grain same mixture as January; 248 lbs. beet pulp, 775 lbs. ensilage, alfalfa and pasture.

Apr.—120 lbs. grain: 15 lbs. bran, 30 lbs. corn meal, 37.5 lbs. each ground barley and Sure Milk; 240 lbs. beet pulp, 600 lbs. ensilage, alfalfa and pasture.

May—124 lbs. grain of equal parts bran, corn meal, rolled barley, and Sure Milk; 75 lbs. beet pulp, 620 lbs. ensilage, alfalfa and pasture.

5421 Imp. May Rose of the Vrangue II. 43658

Sire Imp. Clara's Sequel 29414 A. R.
Sire Imp. Sequel's Monogram 15649 A. R.
Dam Clara XVI. of the Rouvets R. G. A. S. 5476 P. S.
Dam May Rose of the Vrangue R. G. A. S. 3733 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder John Sherwill, Island of Guernsey.
Owner George C. Stone, Twig, Minn.
Born Jan. 1, 1912. *Calved* May 24, 1916.
Served May 26, 1917.
Requirement for admission: 338.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
May	27, 1916,	181.30	4.83	8.76
June,	"	1363.10	4.83	65.84
July,	"	1270.00	5.07	64.39
Aug.,	"	1011.50	5.57	56.34
Sept.,	"	813.60	5.41	44.02
Oct.,	"	752.50	5.93	44.62
Nov.,	"	716.10	5.90	42.25
Dec.,	"	731.80	5.99	43.83
Jan.,	1917,	730.60	5.88	42.96
Feb.,	"	622.10	6.08	37.82
Mar.,	"	718.00	5.71	41.00
Apr.,	"	708.00	5.54	39.22
May	26, "	543.50	6.09	33.10
Total		**10162.10**	**5.55 Av.**	**564.15**

Owner's Statement of Feed

May—10 lbs. grain daily of the following mixture: 200 lbs. each bran and Ajax Flakes, 150 lbs. hominy, 75 lbs. Brewers' Grains, 50 lbs. gluten feed, 25 lbs. cottonseed meal, 100 lbs. oil meal; 2 lbs. beet pulp, 20 lbs. roots, alfalfa.

June—10 lbs. grain daily of the following mixture: 200 lbs. each bran and Ajax Flakes, 100 lbs. each hominy and oil meal, 50 lbs. ground oats, 75 lbs. Brewers' Grains, 35 lbs. each gluten and cottonseed meal; 25 lbs. beet pulp, 15 lbs. roots, alfalfa.

July—13.5 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; green clover to the 20th then green rye and peas, mixed hay.

Aug.—Same ration as given in July.

Sept.—10.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 20 lbs. ensilage, 9 lbs. mixed hay.

Oct.—9.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 40 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. Brewers' Grains, 50 lbs. each gluten, cottonseed meal, and oil meal; 20 lbs. each roots and ensilage, clover and timothy hay.

Nov.—Same ration as given in October.

Dec.—9 lbs. grain daily of the following mixture: 100 lbs. each bran, Ajax Flakes, and Brewers' Grains, 150 lbs. hominy, 75 lbs. gluten, 50 lbs. oil meal, 35 lbs. peanut meal; roots, ensilage, and clover hay.

Jan.—9 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 75 lbs. gluten, 35 lbs. cottonseed meal, 50 lbs. oil meal; roots, ensilage, and alfalfa.

Feb.—10 lbs. grain daily same mixture as January; same roughage.

Mar.—Same ration as given in February.

Apr.—8.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes; 3 lbs. beet pulp, clover hay.

May—Same ration as given in April.

5422 Camilla's May of Fox Run 44915

Sire Pride's May King of Linda Vista 18617 A. R.
Sire Langwater May King 13001 A. R.
Dam Pride of Castle Haven 25981 A. R. 1564.
Dam Paul's Camilla 30215 A. R. 4707.
Sire Plymouth Paul 10353.
Dam Sheet Anchor's Camilla 11119.
Breeder Est. W. B. Rice, Peterboro, N. H.
Owner Est. W. B. Rice, Peterboro, N. H.
Born Nov. 27, 1912. *Calved* May 7, 1916.
Served Dec. 7, 1916.
Requirement for admission: 305.50 lbs. butter fat.
Supervised by New Hampshire Agricultural Experiment Station.

Official Year's Record, Class D

		Milk	Butter Fat	
		lbs.	%	lbs.
June	1, 1916,	1084.20	4.39	47.60
July,	"	961.10	4.53	43.54
Aug.,	"	809.30	4.86	39.33
Sept.,	"	750.30	4.48	33.61
Oct.,	"	765.10	4.39	33.59
Nov.,	"	647.30	4.79	31.01
Dec.,	"	614.40	4.54	27.89
Jan.,	1917,	568.10	4.81	27.33
Feb.,	"	518.90	4.86	25.22
Mar.,	"	613.10	4.68	28.69
Apr.,	"	575.20	4.88	28.07
May	31, "	526.50	5.59	29.43
Total		**8433.50**	**4.69 Av.**	**395.31**

Owner's Statement of Feed

June—10 lbs. grain daily of 4 lbs. each Ajax Flakes and Larro-Feed, and 2 lbs. Schumacher Stock Feed; 25 lbs. ensilage to the 14th, alfalfa and pasture.

July—Same grain ration as June; pasture.

Aug.—Same ration as given in July.

Sept.—Same grain ration as June; green clover and fall feed.

Oct.—12 lbs. grain daily of equal parts Ajax Flakes, Larro-Feed, and Schumacher Feed; clover hay and pasture.

Nov.—16 lbs. grain daily of equal parts ground oats, Ajax Flakes, Larro-Feed, and Schumacher Feed; clover hay.

Dec.—12 lbs. grain daily of the following mixture: 300 lbs. each ground oats and Ajax Flakes, 200 lbs. each Schumacher Feed, cottonseed meal, and oil meal; 4 lbs. beet pulp, alfalfa and clover hay.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—11 lbs. grain daily of 5 lbs. Larro-Feed, 4 lbs. Stock Feed, and 2 lbs. cottonseed meal; 5 lbs. beet pulp, 15 lbs. alfalfa and clover hay.

Apr.—12 lbs. grain daily of 4 lbs. each Schumacher Feed and mixed feed, and 2 lbs. each gluten and cottonseed meal; 4 lbs. beet pulp, mixed hay.

May—Same grain ration as April; hay and pasture.

5423 Summerland 26066

Sire Begalore 10101 A. R.
Sire Imp. Masher's Galore 8572 A. R.
Dam Imp. Beatrice of the Isles 16005 A. R. 310.
Dam Minnie of Maplehurst 20140 A. R. 4880.
Sire Penwyn of Maplehurst 8454 A. R.
Dam Minnie of Willowdale 15043 A. R. 169.
Breeder William F. Gable, Wyebrooke, Pa.
Owner William F. Gable, Wyebrooke, Pa.
Born Aug. 16, 1908. *Calved* Jan. 18, 1916.
Served Oct. 4, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Jan.	24, 1916,	279.20	3.72	10.39
Feb.,	"	1089.20	3.72	40.52
Mar.,	"	1155.20	3.77	43.55
Apr.,	"	1072.10	3.92	42.03
May,	"	984.10	4.10	40.35
June,	"	855.10	4.00	34.20
July,	"	848.40	4.04	34.28
Aug.,	"	870.90	3.99	34.75
Sept.,	"	804.70	4.27	34.36
Oct.,	"	781.50	4.84	37.82
Nov.,	"	718.30	4.22	30.31
Dec.,	"	688.50	4.23	29.12
Jan.	23, 1917,	424.60	4.07	17.28
Total		**10571.80**	**4.06 Av.**	**428.96**

Owner's Statement of Feed

Jan.—13 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, 6 lbs. Union Grains, and 1 lb. oil meal; 2 lbs. beet pulp, ensilage and hay.

Feb.—Same ration as given in January.

Mar.—15 lbs. grain daily of 4 lbs. bran, 2 lbs. ground oats, 8 lbs. Union Grains, and 1 lb. oil meal; beet pulp, ensilage, and hay.

Apr.—11.75 lbs. grain daily of 5 lbs. bran, 6 lbs. Union Grains, and .75 lb. oil meal; ensilage and hay.

May—11.75 lbs. grain daily of 5.5 lbs. each bran and Union Grains and .75 lb. oil meal; hay, pasture after the 14th.

June—11 lbs. grain daily of 4 lbs. bran, 6 lbs. Union Grains, and 1 lb. oil meal; green feed.

July—11 lbs. grain daily of 5 lbs. bran and 6 lbs. Union Grains; green clover and alfalfa.

Aug.—9.5 lbs. grain daily of 4.5 lbs. bran, 4 lbs. Union Grains, and 1 lb. oil meal; green feed.

Sept.—10.5 lbs. grain daily of 5.5 lbs. bran and 5 lbs. Union Grains; ensilage and hay.

Oct.—Same ration as given in September.

Nov.—Same grain ration as September; beets, ensilage, and hay.

Dec.—12 lbs. grain daily of equal parts bran and Union Grains; beets and hay.

Jan.—9.5 lbs. grain daily of 4.5 lbs. bran and 5 lbs. Union Grains; beets, ensilage, and hay.

5424 Golden Beauty of Brookmead 39998

Sire Imp. Beechwood's Pride 9550 A. R.
Sire Imp. Masher's Sequel 11462 A. R.
Dam Imp. Princeps of Spotswood 16503.
Dam Ilderton's Golden Lalla 24002.
Sire Ilderton 6173 A. R.
Dam Golden Lalla of Green Valley 17169.
Breeder R. Francis Wood, Devon, Pa.
Owner Frank Graham Thomson, Devon, Pa.
Born Oct. 6, 1911. *Calved* Mar. 18, 1916.
Requirement for admission: 341.10 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
Apr.	1, 1916,	1075.80	4.40	47.34
May,	"	1088.70	4.36	47.47
June,	"	1004.30	4.44	44.59
July,	"	905.00	4.86	43.98
Aug.,	"	844.00	5.03	42.45
Sept.,	"	788.80	4.51	35.57
Oct.,	"	820.30	5.02	41.18
Nov.,	"	748.50	4.97	37.20
Dec.,	"	779.40	4.99	38.89
Jan.,	1917,	747.40	5.58	41.70
Feb.,	"	656.40	5.47	35.91
Mar.	31, "	601.30	5.55	33.37
Total		**10059.90**	**4.87 Av.**	**489.65**

Owner's Statement of Feed

Apr.—15 lbs. grain daily of the following mixture: 250 lbs. bran, 300 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. each gluten and cottonseed meal, 50 lbs. oil meal; 6 lbs. beet pulp, 15 lbs. ensilage, 8 lbs. alfalfa.

May—15 lbs. grain daily of the following mixture: 300 lbs. each bran, corn meal, and ground oats, 150 lbs. Ajax Flakes, 200 lbs. gluten, 100 lbs. cottonseed meal; pasture.

June—12 lbs. grain daily of the following mixture: 300 lbs. each bran and (corn and cob) meal, 200 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. gluten, 75 lbs. cottonseed meal; pasture.

July—15 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 250 lbs. corn and cob meal, 150 lbs. Ajax Flakes, 200 lbs. gluten; green alfalfa and pasture.

Aug.—14 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 200 lbs. each (corn and cob) meal and gluten, 150 lbs. each Ajax Flakes and cottonseed meal, 50 lbs. oil meal; green alfalfa and pasture.

Sept.—14 lbs. grain daily of 3 lbs. each bran and cottonseed meal, 2 lbs. each corn meal and oil meal, and 4 lbs. Schumacher Feed; 30 lbs. each roots and ensilage, pasture.

Oct.—14 lbs. grain daily of 2 lbs. each bran, corn meal, Ajax Flakes, and oil meal and 3 lbs. each Schumacher Feed and cottonseed meal; 25 lbs. roots, 20 lbs. ensilage, 14 lbs. alfalfa.

Nov.—15 lbs. grain daily of 2 lbs. each bran, corn meal, and gluten and 3 lbs. each Schumacher Feed, cottonseed meal, and oil meal; 30 lbs. each roots and ensilage, 10 lbs. alfalfa.

Dec.—15 lbs. grain daily of 3 lbs. each bran, Schumacher Feed, cottonseed meal, and oil meal, 2 lbs. corn meal, and 1 lb. gluten; 20 lbs. roots, 30 lbs. ensilage, 10 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—13 lbs. grain daily of 3 lbs. each bran and Schumacher Feed, 1 lb. each corn meal, Ajax Flakes, and gluten, and 2 lbs. each cottonseed meal and oil meal; 5 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa.

Mar.—11 lbs. grain daily of 3 lbs. each bran and Schumacher Feed, 1 lb. corn meal, and 2 lbs. each cottonseed meal and oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa.

5425 Barbara of Bayside 41141

Sire Florham Noble 14734 A. R.
Sire Imp. Golden Noble 10508 A. R.
Dam Imp. Adieno 18894 A. R. 1873.
Dam Caesar's Chesterbrook of Bayside 34043.
Sire Caesar of Bayside 12136.
Dam Glenwood's Chesterbrook of Haddon 27665 A. R. 1121.
Breeder Henry C. Everett, Barnstable, Mass.
Owner Henry C. Everett, Barnstable, Mass.
Born July 18, 1912. *Calved* May 10, 1916.
Served Sept. 15, 1916.
Requirement for admission: 316.90 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class D

	Milk	Butter Fat	
	lbs.	%	lbs.
May 14, 1916,	722.15	4.16	30.04
June, "	1014.40	4.11	41.69
July, "	1029.05	4.43	45.59
Aug., "	906.40	4.17	37.80
Sept., "	895.00	4.52	40.45
Oct., "	865.30	4.90	42.40
Nov., "	808.15	5.62	45.42
Dec., "	697.95	5.32	37.13
Jan., 1917,	643.45	5.16	33.20
Feb., "	568.80	5.32	30.26
Mar., "	527.75	5.30	27.97
Apr., "	271.15	5.47	14.83
May 13, "	47.70	5.47	2.61
Total	**8997.25**	**4.77 Av.**	**429.39**

Owner's Statement of Feed

May—15 lbs. grain daily of 2 parts each bran, ground oats, and Ajax Flakes, and 1 part each middlings, hominy, and gluten; 12 lbs. hay, pasture.

June—12 lbs. grain daily of 2 parts each bran and Ajax Flakes, and 1 part each middlings, hominy, ground oats, and gluten; green feed and pasture.

July—15 lbs. grain daily same mixture as June; green feed and pasture.

Aug.—15 lbs. grain daily same mixture as June; green feed and pasture.

Sept.—15 lbs. grain daily of 2 parts bran, 1 part each middlings, hominy, ground oats, and gluten, and 3 parts Ajax Flakes; green corn and pasture.

Oct.—Same ration as given in September.

Nov.—Same grain ration as September; 35 lbs. ensilage, mixed hay.

Dec.—12 lbs. grain daily of 2 parts each bran, middlings, Ajax Flakes, and gluten, and 1 part each hominy and ground oats; 30 lbs. ensilage, mixed hay.

Jan.—10 lbs. grain daily of 2 parts each bran, middlings, Ajax Flakes, and gluten, and 1 part each corn meal and ground oats; 40 lbs. ensilage, mixed hay.

Feb.—10 lbs. grain daily of 2 parts each bran, Ajax Flakes, and gluten, 1 part each middlings, corn meal, and ground oats; ensilage and mixed hay.

Mar.—10 lbs. grain daily of 2 parts each bran, corn meal, and Ajax Flakes, and 1 part each middlings, ground oats, and gluten; ensilage and hay.

Apr.—Same grain ration as March with D. D. D. Grains in place of Ajax Flakes in mixture; mixed hay.

May—Same ration as given in April.

5426 Imp. Belle of St. Peter Port 53644

Sire Butter Lad of the Braye R. G. A. S. 2675 P. S.
Sire Imp. Sequel's Monogram 15649 A. R.
Dam Buttercup of the Marais R. G. A. S 5543 P. S.
Dam Mona R. G. A. S. 7549 P. S.
Sire Imp. Old Paddy 16903 A. R.
Dam Matron R. G. A. S. 2965 F. S.
Breeder C. R. Molesworth, Island of Guernsey.
Owner Burdette P. Craig, Glen Spey, N. Y.
Born Oct. 17, 1913. *Calved* June 3, 1916.
Served Dec. 19, 1916.
Requirement for admission: 273.80 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
June 8, 1916,	576.70	4.57	26.36
July, "	817.20	4.62	37.75
Aug., "	794.70	4.19	33.30
Sept., "	645.00	4.75	30.64
Oct., "	616.30	4.93	30.38
Nov., "	557.30	5.47	30.48
Dec., "	507.00	4.52	22.92
Jan., 1917,	468.10	4.40	20.60
Feb., "	388.20	4.83	18.75
Mar., "	483.70	5.05	24.43
Apr., "	477.80	4.79	22.89
May, "	488.80	4.80	23.46
June 7, "	98.90	4.80	4.75
Total	**6919.70**	**4.72 Av.**	**326.71**

Owner's Statement of Feed

June—7.5 lbs. grain daily to the 14th of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. O. P. linseed oil meal, then 7.5 to 9 lbs. of 100 lbs. each bran, ground oats, and Ajax Flakes, 75 lbs. hominy meal, 50 lbs. each cottonseed meal and O. P. linseed meal; green alfalfa and clover, 10 lbs. alfalfa hay, pasture.

July—9 lbs. grain daily same mixture as last of June; green alfalfa and clover, 10 lbs. alfalfa hay, pasture.

Aug.—Same grain ration as July; green clover, 10 lbs. alfalfa, pasture.

Sept.—9 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and Ajax Flakes, 150 lbs. hominy meal, 100 lbs. each cottonseed meal and O. P. linseed meal; 10 lbs. alfalfa and clover hay, pasture.

Oct.—Same grain ration as September; 15 lbs. ensilage, 10 lbs. alfalfa.

Nov.—Same grain ration as September; 25 lbs. ensilage, 18 lbs. alfalfa and clover hay.

Dec.—10 lbs. grain daily same mixture as September; 25 lbs. ensilage, 10 lbs. alfalfa.

Jan.—8 lbs. grain daily same mixture as September; 25 lbs. ensilage, 10 lbs. alfalfa.

Feb.—8.1 lbs. grain daily same mixture as September; 4 lbs. beet pulp, 10 lbs. alfalfa.

Mar.—Same grain ration as January; 4 lbs. beet pulp, 10 lbs. alfalfa.

Apr.—Same grain ration as January; 5 lbs. beet pulp, 10 lbs. alfalfa.

May—Same grain ration as January; 5 lbs. beet pulp, 11.3 lbs. alfalfa.

June—6.5 lbs. grain daily same mixture as May; 12 lbs. alfalfa, pasture.

5427 Fillmore's Victoria 40119

Sire Yeoman's King of the May 17053 A. R.
Sire Imp. Yeoman 8618 A. R.
Dam Florham Daisy 18115 A. R. 792.
Dam Imp. Raymond's Lady Victorine 27579 A. R. 1628.
Sire Imp. Raymond of the Préel II. 13381 A. R.
Dam Lady Victorine R. G. A. S. 5311 P. S.
Breeder Charles H. Jones, Wellesley Farms, Mass.
Owner Charles H. Jones, Wellesley Farms, Mass.
Born Mar. 22, 1912. *Calved* July 9, 1916.
Served Feb. 5, 1917.
Requirement for admission: 335.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class C

	Milk	Butter Fat	
	lbs.	%	lbs.
July 16, 1916,	705.00	4.68	32.99
Aug., "	1447.90	4.68	67.76
Sept., "	1316.80	4.44	58.47
Oct., "	1216.60	4.51	54.87
Nov., "	1021.60	4.92	50.26
Dec., "	939.20	4.59	43.11
Jan., 1917,	906.70	4.33	39.26
Feb., "	813.70	5.15	41.91
Mar., "	897.90	4.53	40.67
Apr., "	853.20	4.85	41.38
May, "	931.00	4.67	43.48
June, "	860.70	4.52	38.90
July 15, "	427.40	4.52	19.32
Total	**12337.70**	**4.65 Av.**	**572.38**

Owner's Statement of Feed

July—9 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and ground oats, 300 lbs. each Ajax Flakes and gluten, 263 lbs. cottonseed meal, 342 lbs. O. P. oil meal; pasture.

Aug.—12 lbs. grain daily, from the 1st to the 12th of the following mixture: 200 lbs. each bran, hominy, ground oats, and cottonseed meal, 300 lbs. each Ajax Flakes, gluten, and O. P. oil meal, then of the following mixture: 200 lbs. each bran, hominy, ground oats, and cottonseed meal, 500 lbs. Ajax Flakes, 300 lbs. O. P. oil meal; pasture.

Sept.—12 to 14.1 lbs. grain daily of the following mixture: 50 lbs. each bran, hominy, ground oats, cottonseed meal, O. P. oil meal, and beet pulp, 180 lbs. Ajax Flakes; green alfalfa to the 24th then mixed clover and timothy rowen, pasture.

Oct.—14 lbs. grain daily of the following mixture: 50 lbs. each bran, hominy, crushed oats, cottonseed meal, O. P. oil meal, and beet pulp, 180 lbs. Ajax Flakes; 40 lbs. green feed, pasture.

Nov.—13.5 lbs. grain daily; 12 lbs. of same mixture as given in October with 1.5 lbs. hominy added; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. hay.

Dec.—14.1 lbs. grain daily of the following mixture: 75 lbs. bran, 50 lbs. each hominy, ground oats, cottonseed meal, and O. P. oil meal, 180 lbs. Ajax Flakes; 3 lbs. beet pulp, 15 lbs. ensilage, 12 lbs. alfalfa.

Jan.—15 lbs. grain daily of the following mixture: 125 lbs. each bran, corn meal, ground oats, cottonseed meal, and oil meal, 300 lbs. Brewers' Grains, 100 lbs beet pulp; 3 lbs. beet pulp, 20 lbs. each beets and ensilage, 12 lbs. alfalfa.

Feb.—12 lbs. grain daily same mixture as January; 5 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. alfalfa hay.

Mar.—Same ration as given in January.

Apr.—15 lbs. grain daily of the following mixtures: same mixture as January from the 1st to the 9th, from the 10th to the 19th of 200 lbs. each bran, corn meal, and ground oats, 110 lbs. cottonseed meal, 190 lbs. oil meal, 100 lbs. beet pulp, then of 150 lbs. each bran and Brewers' Grains, 200 lbs. each corn meal and ground oats, 125 lbs. cottonseed meal, 100 lbs. each gerra oil meal, O. P. linseed meal, and beet pulp; 5 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa.

May—Same ration as given in January.

June—13.5 lbs. grain daily of the following mixture: 150 lbs. each bran and Brewers' Grains, 200 lbs. each corn meal and ground oats, 125 lbs. cottonseed meal, 100 lbs. each oil meal and beet pulp; 3 lbs. beet pulp, 10 lbs. alfalfa.

July—15 lbs. grain daily same mixture as given in June; 3 lbs. beet pulp, 10 lbs. alfalfa.

Transfers of Guernsey Cattle From September 1 to September 14, 1917

BULLS

Abbie's Frenchman of the Ridge 41636—Mrs. Nellie M. Smith to Leer Guernsey Breeders' Association, Leer, Mich.

Adam Rilma of Stony Creek Farm 45575—George D. Fellows to A. M. Page, Berlin, Wis.

Artisan's Guydette 39049—Edwin Chapin to Olson & Gunderson, Big Falls, Wis.

Autocrat's Choice of Harriton 39186—Robert Gould Shaw 2d to Henry C. Everett, Barnstable, Mass.

Barney of Walla Brook 45716—Guy W. Pope to Peter C. Jensen, Waupaca, Wis.

Billie Rival of Woodvale 33312—E. E. Tschumy to E. Coy, Shiloh, Ohio.

Billy Candlemas 45681—Everett D. Call to Fanny M. Merrill, Solon, Me.

Billy of West Side 40996—C. L. Cox & Son to D. M. Hunter, Waukesha, Wis.

Bonnie's May King of Sitka 45616—George N. Crawford to S. B. Chesbro, Copemish, Mich.

Brigg's Bell Boy 43265—E. T. Gill to H. J. Phillippi, Ligonier, Pa.

Brilliant of Guernsey Hill 42748—A. W. & F. E. Fox to Henry L. Wallace, Gotham, Wis.

Brownrigg 40684—Howard C. Park to Ben Potts, Marysville, Ohio.

Caleb of East View 45623—Willard Carpenter to Henry Boom, Woodhull, N. Y.

Captain of Locust Farm 43916—Howard C. Park to W. E. Figley, Raymond, Ohio.

Celia's Jury of Holland 42066—Aug. J. Luebbert to O. L. Cline, Parker, Ind.

Champion of Edgewood 41320—W. C. Bain to C. A. Groome, Greensboro, N. C.

Chancellor of Hickory Grove 45741—Henry Winke to Frank Petermann, Wonewoc, Wis.

Charles Pratt 43764—Albert E. Olson to Ole C. Olstad, New Hope, Wis.

Charlotte's Gay Lad of Rural Glade 44314—S. W. Townsend to N. A. Smith, Greensboro, Md.

Chief of Rose City 32587—H. B. Watson to George Kelley, Olympia, Wash.

Clairmont's Cato of Lone Elm 45799—Earl Hemingway to Frank Geisler, Derby, Mich.

Clarence of Cedar Brook 45571—H. F. Boeckman to Joe Graham, Aurora, Ore.

Colonel Sourdough 43947—E. K. Teisberg to J. E. Johnson, Evansville, Minn.

Commodore of Pleasant View 30057—B. E. Totten to C. Conkle, Layland, Ohio.

Concerto of Ewing 42172—Oaklands Farm Co. to Patrick Ryan, Trenton, N. J.

Creamland Jack 44239—R. R. Schwartz to J. B. Wilmer, Honey Creek, Wis.

Curtis Bel Air 45673—W. G. Pollock to L. E. Walton, Natural Bridge, Va.

Dairymaid's Favorite of Fox Valley 45690—Charles Kuhtz to Reinhard G. Bartell, Thiensville, Wis.

Dairymaid's Jolly Box of Fox Valley 39871—A. W. & F. E. Fox to James E. Spencer, Somers, Wis.

Daisy Belle's Holden of Fairview 36983—Wilcox & Stubbs to Briarcombe Farm Co., Winona, Minn.

Daisy's Belsire 44624—D. H. McAlpin to B. P. Brown, Toccoa, Ga.

Dandy Jim Glenwood 45738—J. F. Kreider to Albert Profit, Ohio City, Ohio.

Davis of Hickory Grove 45740—Henry Winke to Clifford Capener, Baraboo, Wis.

Defender of Orphanage 25410—Quincy United Brethren Orphanage Home to Charles E. Martin, Waynesboro, Pa.

Dodge 41018—Albert Halvorson to Tom Rote, Ladysmith, Wis.

Dorinda's Standard of Flodell 34493—John Hartwell to Nathan Eaton, Beerston, N. Y.

Dorotha's Son of Foulkes Farm 44773—R. A. Wilkinson to E. F. Jones, Lake Elmo, Minn.

Duke Angelo of Applecot 45672—Est. R. A. Borden to Edward Ingham, Schuylerville, N. Y.

Duke of Foster Lake 44715—Guy C. Anderson to S. E. Sawyer, Waupaca, Wis.

Duke of Mondamin 40132—Herbert T. Borden to W. A. Weatherby, Millville, N. J.

Duroneous of Meadow Brook Farm 45763—J. C. Mechling to M. M. Masters, West Liberty, W. Va.

Earl of Sunshine 39683—M. D. Odekirk to Edward McTaggart, Springbrook, Wis.

Edmund Bel Air 45674—W. G. Pollock to L. E. Walton, Natural Bridge, Va.

Elmwood Lad 39907—Ole Peterson to Richard Mulry, Spring Valley, Wis.

Epsilon of Greenway 42915—H. G. Cheney to John E. Thompson, Warehouse Point, Conn.

Fearless Breckenridge 45628—George R. Meek to J. Bish Ogden, Clearfield, Pa.

Fern's King Rilma 45662—A. J. Malin to C. M. Beyer, Genoa, Wis.

Fern's Stranford of Highland 45262—J. H. Wellman to B. S. Grant & P. H. English, Randolph, Maine.

Fernwood's May Rose of Bayside 45307—Henry C. Everett to C. F. Bancroft, Wakefield, N. H.

Fisherman's Conqueror 45693—Edmund H. Sears to Clifford Wright, South Sudbury, Mass.

Fisherman's May King 45692—Edmund H. Sears to D. F. Smith, Newtonville, Mass.

Fisherman's Select of Rockstone 45811—C. L. A. Whitney to A. G. Buckley, Valley Falls, N. Y.

Flower Girl's Anchor 45004—State School for Boys to G. K. Coffin, Machias, Me.

Follyland Jove 42555—I. C. Blandy to William G. Palmer, Delhi, N. Y.

Follyland Jupiter 42553—I. C. Blandy to H. C. Phelps, Columbus, Ohio.

Galaxy's Criterion 41721—Charles Hornburg to Harold Cleveland, Watertown, N. Y.

Ganges 44610—Mrs. James B. Case to George H. B. Lamson, Weston, Mass.

Gatt Ett 39262—L. O. Sleeper to H. D. Webster, East Burke, Vt.

George Bruce 45721—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.

Glen Gable Cavalier 42644—William F. Gable to Paul G. Williams, Cochranville, Pa.

Glen-Rose King 45618—Schmit Brothers to H. A. Hobbs, Eau Claire, Wis.

Glenwood Boy of Sun Set View 45669—C. A. Peterson & G. R. Miller to O. C. Woodward, Weyauwega, Wis.

Glenwood's Governor of Fox Valley 33648—A. W. & F. E. Fox to O. J. Warren, Neillsville, Wis.

Glenwood's May King of Hill Side 45609—S. P. Johnson & Son to G. I. Barse, Herkimer, N. Y.

Golden Noble of Herodale 45791—James H. Beirne to J. R. Love & Son, Waukesha, Wis.

Golden Paulstan's Carl 45815—William Flinn to John Prager, Cheswick, Pa.

Goshen Pilot 45677—L. W. Robinson to Harvey E. Smith, Shawville, Pa.

Governor of Mondamin 42351—Herbert T. Borden to W. A. Weatherby, Millville, N. J.

Governor Rae of Waconia 43224—Joseph Sichenedder to Frank B. Gran, Bovey, Minn.

Governor White of Oberland 43657—Charles L. Ober to Louis Rothlisberger, Novelty, Ohio.

Grace's B. G. of Fillmore 45761—Charles H. Jones to C. W. Barron, Cohasset, Mass.

Grampian Chief 45619—Fred W. Card to A. O. Bilger, Grampian, Pa.

Gypson Brian 45668—Carl Thompson to Hans Hansen, Westby, Wis.

Hamilton Glen 45667—Mrs. William Schutmaat to George W. Schutmaat, Hamilton, Mich.

Harriet's Governor of Oberland 43668—Charles L. Ober to Louis Rothlisberger, Novelty, Ohio.

Henry K. of Chestnut Ridge 45748—Walter Karnaghan to Joseph Saunders, Argyle, N. Y.

Hero of Cold Brook Farm 35329—H. F. McGaullin to Marshall B. Crouse, Crouseville, Me.

Hero's Gem of Oaks Farm 31004—Maxwell Norman to Carver Hill Farms, Inc., Natick, Mass.

Jessamine's King of Mondamin 45735—Herbert T. Borden to Carry M. French, Mullica Hill, N. J.

Joe of Highland Stock Farm 44576—J. K. Larson & Sons to Max Bermke, Cleveland, Wis.

John Forrest 45691—F. V. Fowlkes to W. F. Bergman, Crewe, Va.

Johnnie Boy of Ludlow 45813—John Wilmoth to Albert H. Douglas, Londonderry, Vt.

Joseph of Green Hill Farm 45670—G. K. Coffin to Charles Gay, Jonesboro, Me.

Kenneth of Donemore 45809—Mrs. O. A. Bay to Mrs. Kate M. Dick, Street, Md.

Kinchin 44557—James Logan Fisher to Est. C. Morton Smith, Philadelphia, Pa.

King Desirable 45743—William Albery to Russel R. Palmer, Pataskala, Ohio.

King Noble 41407—Floyd Southard to John Kelley, Baldwinsville, N. Y.

King of Linden Shade 45744—A. M. Hodgson to Herbert D. Fell, New London, Pa.

Kris-Kringle of Amy 37224—A. M. Harmer to John W. McIntosh, Eau Claire, Wis.

Kulshan Hayes May King 45758—Harry W. Bateman to C. C. Ireland & W. U. King, Ferndale, Wash.

Laddie of Orchard Lane 45217—James D. Wall to E. E. Hoffman, McGees Mills, Pa.

Lady Lou's Jewel of Elmhurst 45749—F. H. Marvin to William Batzel, Kendall, Wis.

Langwater Buccaneer 45106—F. L. Ames to Alice R. G. Dalbey, Granville, Ohio.

Lassie's George of Oak Lawn 43937—Joseph Nicholson to B. Katzwinkel, Mendota, Ill.

Lassie's Prince 41017—Albert Halvorson to C. S. Freeman, Ladysmith, Wis.

Ledyard Columbia 45675—Nelson L. Whitaker to Burton J. Quinn, Minetto, N. Y.

Leila's Prize Lad 43230—T. J. Zook to A. E. Shoemaker, West Liberty, Ohio.

Lil's Loa of Oak Grove 45772—J. R. Tifft to Daniel Jackson, Eleva, Wis.

Lily Bay's Perfection 45568—Jake J. Schmid to B. Brill, Green Bay, Wis.

Lily's Plato 40836—W. W. Marsh to H. H. Cousins, Jamaica, Iowa.

Lucas' Delight 45621—Charles H. Jones to T. Jefferson Coolidge, Magnolia, Mass.

Mac's Blossom's Champion 41856—Stanley A. Clark to Charles McCracken, Buchanan, Mich.

Maggie's King of Tuscarora 45625—Henry Boom to Marion Lewis, Cameron, N. Y.

Major Rilma 12th 44930—C. E. Tobey to Ralph Heasty, Sparta, Wis.

Major Rilma 14th 45602—C. E. Tobey to W. P. Hitchcock & John Terpstra, Sparta, Wis.

Major's Trump of Pleasant View 45556—D. S. Murdock to Charles Dunham, Troy Center, Wis.

Marjory's Chief of Clovermead 45037—Louie Stoll to Cook Brothers, Mora, Minn.

Marshall of South Side 43723—Howard J. Aldrich to L. C. McClintock, Mindoro, Wis.

Mar's Pride of the North 45567—Wallace Brothers to J. M. Snyder, Boyne Falls, Mich.

Marston of Clovermead 45036—Louie Stoll to Emery Schoenwald, Mora, Minn.

Masherlette's Standard 43221—Clarence H. Mackay to John F. Waters, Bennington, Vt.

Max Bloom 45661—Ray D. Levan to H. F. Mease, Nazareth, Pa.

Milkman of Minister Hill 25864—Est. G. H. Anderson to L. L. Marsh, Enosburg Falls, Vt.

Miller's Prince 43677—J. E. Miller to C. Conkle, Layland, Ohio.

Milton of Beaver Lake 44832—Crouch Brothers to Frank Winterling, Jr., Dayton, Mont.

Murray's May King 44975—Delaware College to to Harold A. Batton, McDonough, Del.

Neva's King 44741—Anton Greissinger to J. Prokupeck, Antigo, Wis.

Odin of Tarbell Farms 36148—Gage E. Tarbell to John A. Howard, Wheeling, W. Va.

Old Hickory of Hickory Hill 45679—L. W. Robinson to Amos G. Haag, Troutville, Pa.

Ortala of Hill Top Farm 45664—John Van Hesche to John Chearhart, Granger, Ind.

Owenoke of Willow Brook 35356—E. A. Eddy to George Eddy, Malone, N. Y.

Pansy's King of Pleasant Place 39753—R. C. Zeller to John A. Yoder, Kalona, Iowa.

Pat of Nelsonville 42199—Roman Zblewski to Frank Sarnowski, Almond, Wis.

Pepin County's Benjamin 35210—Matt Brunner to Charles Fleishauer, Arkansaw, Wis.

Pifer's Dick of Paradise 45680—L. W. Robinson to Charles Pifer, Reynoldsville, Pa.

Plain Ben 45556—W. N. Wilbur to John B. Maddock, Devon, Pa.

Ponilen's Regular 40172—A. W. Griswold to Franklin C. Jones, Saxton's River, Vt.

Premier of Eversley 45747—V. B. Wilmer to H. B. Appleford, Church Hill, Md.

Pride of Frankfort, 45484—Lyman Blair to Clarence I. Curtis, Frankfort, Me.

Prince Suzannus of City View 45081—O. R. Schwalen to G. O. Tjomsland, Siren, Wis.

Prince Yonson 44722—F. H. Kiesling to C. Fisher, Jefferson, Wis.

Queen's Champion 39048—Edwin Chapin to A. W. Willard, Iola, Wis.

Randot Ally of Whetstone Brook 45649—Louis S. Cox to F. B. Kidder, Wardsboro, Vt.

Ransom of Belmont 44109—F. E. Martin to T. W. Swain, Alfred, N. Y.

Red Wing Sequel's Buster 44192—A. I. & J. Hughes to Sam Elmer, Mulino, Ore.

Red Wing Sequel's Chief 44191—A. I. & J. Hughes to Omer Blanchett, Portland, Ore.

Rena's Ultra of Flint Ledge 45745—H. C. Hurley to B. F. Salisbury, Fairfax, Va.

Reputation of Alfamarl Springs 45432—D. O. Thompson to Henry Henning, Burlington, Wis.

Rival's Prince of Brookside 43205—Edgewater Stock Farm to Clarence Baldwin, Newton, Iowa.

Riva's Kappa of Greenway 45720—H. G. Cheney to Isaac Horowitz, Highland Park, Conn.

Robert Macbeth 45722—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.

Robert W. of Woodside 20096—Isaac N. Hurlburt to Oscar Velev, Jefferson, N. Y.

Robinhood of Ewing 45782—Oaklands Farm Co. to Herbert C. Fish, Penns Manor, Pa.

Romeo of Elder Grove 45585—William Wied to Enoch Perry, Milwaukee, Wis.

Rowdy of Pine Hill 28399—Tom Little to Morris Anderson, Eleva, Wis.

TRANSFERS OF GUERNSEY CATTLE

Rowellan's Nemo 42073—James M. Cox to B. F. Thomas, Spring Valley, Ohio.
Royal of Hill Top Farm 45665—John Van Hesche to I. E. Annis, Bremen, Ind.
Royal Prince of Angra 26629—M. I. Patterson to T. M. Cooper, Stockton, Kansas.
Rubin 45158—W. H. Hovener to Hugo Boettcher, Port Washington, Wis.
Santa Ana Boy 45669—Ras Neilson to W. A. Esta & A. R. Hushbeck, Watsonville, Calif.
Senator of Edinboro 44391—Edinboro Lake Farm to Edwin Binney, New York, N. Y.
Sequel's King of Coldspring 40154—Alvin Parish to Roland Ganser, Jefferson, Wis.
Snooks of Maplecrest 45755—George W. Love to W. A. Barnes, Brinkhaven, Ohio.
Stanley of the Farms 45676—L. W. Robinson to O. D. Gould, Mahaffey, Pa.
Stanley of Zion 45678—L. W. Robinson to Jonathan Ogden, Clearfield, Pa.
Star King of Sweet Springs 45614—H. M. Allen to Frank Skillings, Springfield, Ohio.
Star of Apple Ridge Farm 45783—Oscar B. Waltz to Samuel Drake, Pioneer, Ohio.
Stephen of the Farms 41477—L. W. Robinson to Charles O. Bucheit, Sykesville, Pa.
Stranford's Glenwood 45785—August Morlock to John Warman, Watervliet, Mich.
Sudden Jim 45617—John P. Scheuring to Samuel Smith, Greenwood, Wis.
Surprise's Pride of Lone Pine Farm 45742—William B. Nesbit to Mrs. R. H. Birdsall, North Egremont, Mass.
Sylvanite Lord Austerlitz 41581—Richard F. Klemm to C. H. & F. B. Elkinton, Eleva, Wis.
Tabby Boy of Iowanola 45663—Charles R. Mountain to Miss L. M. Swope, Des Moines, Iowa.
The King of Le Bocage 32104—Roy Newman to Charles M. Buchman, North Industry, Ohio.
The Prince of Thorn Hill 42285—August Ziesing to M. E. Mayol, Springfield, Ill.
Tillybardin Yeksa 42547—A. W. & F. E. Fox to Charles S. Perkins, Oswego, Kan.
Tomahawk 15460—C. G. Henkel to C. L. Henkel, Opportunity, Wash.
Tomahawk's King 45657—C. G. Henkel to C. L. Henkel, Opportunity, Wash.
Tom Briarbank of Sequel's Maid 45671—E. W. Ruehs to Paul Ruehs, Caledonia, Mich.
Tom Briarbank of Sequel's Maid 45671—Paul Ruehs to H. A. Stueard & A. Murray, Augusta, Mich.
Unison of Old Honestead 41565—W. W. Hixon to Luther T. Van Voohis, Van Voorhis, Pa.
Vazon's Sequel's Billy 44429—Wayne A. Munn to H. W. Griswold, West Salem, Wis.
Vernon of Okemos 45554—M. D. Pickett to Frank McClung, Marion, Mich.
Vine's Son of Lickbrook 45548—F. R. Allen to Harry Griswold, West Salem, Wis.
Viola's Berkshire Boy 45736—Arthur W. Blanchard to D. J. Calusha, Williamstown, Mass.
Violet's Henry of Sugar Grove 44529—C. Hershberger & F. Schlosser to John Rouch, Bremen, Ind.
Waldorf Rambler 45200—Oscar F. Kinney to B. Nichols, North Chatham, N. Y.
Walter May Rose of Walter Maple 38256—McKerrow & Sons Co., to John Morgan, Tillamook, Ore.
Wellington of Hickory Grove 45739—Henry Winke to Clifford Capener, Baraboo, Wiw.
Winnebago Zafra 45792—Nettie Fields to Ed Templar, Oconto Falls, Wis.
Woodlawn's Orvis 45656—Shook Bros. to C. T. Rice, Oakton, Va.
Woodrow of Donnybrook 45754—Joseph H. Johnson to Claude Johnson, Donnybrook, N. Dak.
Woodrow's Pride 40133—W. K. Coffin to Louis Nelson, Eleva, Wis.
Yeksa's Boy of Clovermead 35306—Cook Brothers to Richard H. Hinde, Quamba, Minn.

COWS

Adele of Highland Stock Farm 73963—J. K. Larson & Sons to George S. Love & Son, Waukesha, Wis.
Adeline of Pleasant View 46756—W. A. Ridenour to W. A. Barnes & L. C. Conkle, Brinkhaven, Ohio.
Allen's Lena 55744—Robley F. Simmons to C. Owen Carman, Trumansburg, N. Y.
Almanaris of Burnham Beach 70074—George McKerrow & Sons Co. to John Morgan, Tillamook, Ore.
Alta Ruby 70870 (Imp.)—Palo Alto Stock Farm to A. J. Welch, Redwood City, Cal.
Altha 44946—C. R. McMurray to H. M. Matthews, Canonsburg, Pa.
Amaza's War-baby 74048—Rome N. Heinzman to W. R. Adams, Mankato, Minn.
Anita of Seneca Trail 75784—C. R. Owens to E. A. Owens, Freedom, N. Y.
Beechwood's Dainty Buttercup 2d 27589—C. T. Rice to D. S. Calhoun, Charlottesville, Va.
Belle Stranford of Mingo 61536—C. R. McMurray to W. F. Mustard, Canonsburg, Pa.
Bertha of Hylsted 55229—Sheridan B. Palmer to Samuel Hessberg, Cedar Hill, N. Y.
Bessie Dombey 65032—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Bess of Highland Stock Farm 73964—J. K. Larson & Sons to George S. Love & Son, Waukesha, Wis.
Bickleigh's Bell of Lone Pine 75855—William B. Nisbet to W. A. Condon, Great Barrington, Mass.
Bonareen of Cold Spring 58012—C. E. & L. H. Rockwell to A. C. Haskell, Augusta, Ga.
Brookie of Wayside 73995—B. F. Salsbury to Augusta County Guernsey Breeders' Assocation, Waynesboro, Va.
Buttercup of Geneva 41957—Edmund H. Sears to Frank G. Allen, Norwood, Mass.
Carnation's Beauty 57333—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Christie of Hillrose 75356—Dornes & Busch to Bertle P. Wind, Jr., Hillrose, Colo.
Clorinda Stranford 37370—Hiram J. New to Charles R. Mountain, Des Moines, Iowa.
Columbia's Birdie Birchette 23913—Est. Henry A. Belcher to Fred Wilkins, Wilton, Me.
Cora Dimple 59170—Frank F. Morris to Mrs. F. C. Johnson, Dallas, Pa.
Coraline's Sequel 75831—Carnation Stock Farms to L. D. Smith, Berkeley, Cal.
Corinne M. 28408—C. T. Rice to M. E. Miller, Vienna, Va.
Criterion's Bell of Rockstone 75776—Albert G. Buckley to Albert D. Mills, Florence, Vt.
Criterion's Rose of Rockstone 75777—Albert G. Buckley to Albert D. Mills, Florence, Vt.
Dollie Leone 39123—T. J. McElheny to Charles L. Rodgers, Madison, Ind.
Donnington Kit 3d 75496 (Imp.)—Frank S. Peer to R. L. Benson, Princeton, N. J.
Edith of Esker View 63828—Scott W. Swarts to W. G. Markham, Avon, N. Y.
Edith of Maple Ave. 72127—L. S. Goding to Elliott-Brant Rancho, Owensmouth, Cal.
Emogine of Elkview 34767—Est. J. P. Jones to C. T. Rice, Oakton, Va.
Emolyn Hope 21225—F. E. Kummrow to George E. Stocking, Rochelle, Ill.
Eva Rilma of Stony Creek Farm 75661—George D. Fellows to Charles A. Peterson & G. R. Miller, Weyauwega, Wis.
Fairy Elf of Cedar Home Farm 72899—Theresia Mayr to Mayr Brothers, School Hill, Wis.
Fanny Dombey 57774—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Florence of Eastover 63930—C. K. G. Billings to William H. Gould, Burkeville, Va.
Floresa 69985—Est. John Hopewell to Edward Porter May, Framingham, Mass.
Follyland Julia 71760—I. C. Blandy to Thomas H. Munro, Camillus, N. Y.
Gem's King's Lassie 74641—Amos R. Glick to Amos K. Mast, Cochranville, Pa.
Gladys of Pecks 32180—C. E. & L. H. Rockwell to Henry Ridge, Whitewater, Wis.
Glencoe Maiden 2d 57953—New Jersey Agricultural College to L. W. Guernsey, Bound Brook, N. J.
Glory 11th of Les Messuriers 75492 (Imp.)—Frank S. Peer to R. L. Benson, Princeton, N. J.
Glory of Maple Ranch 75622—Est. John Hopewell to Edward Porter May, Framingham, Mass.
Golden Bow Elaine 68431—H. E. Babcock to W. B. Flory, East Stroudsburg, Pa.
Golden Fern of Highland 40034—J. H. Wellman to Elliott-Brant Rancho, Owensmouth, Cal.
Golden Sequel of Highland 53900—J. H. Wellman to Elliott-Brant Rancho, Owensmouth, Cal.
Grace Regent of Esker View 60528—Scott W. Swarts to W. G. Markham, Avon, N. Y.
Gretchen Glenwood of Foulkes Farm 74288—R. A. Wilkinson to E. F. Jones, Lake Elmo, Minn.
Hambro's Janette of Hickory Hill 75782—L. J. Chapman to W. M. Tichenor & Son, Fort Atkinson, Wis.
Hazel of Dupont 75781—L. D. Churchill to Elmer L. Peterson, Nelsonville, Wis.
Honor M. 42632—Henry Boom to Marion Lewis, Cameron, N. Y.
Hotton's Rose IV's Queen 68835—F. B. Woodard to W. H. Chapin, Chippewa Falls, Wis.
Iredell's Prince's Viviane 70476—W. C. Bainto C. A. Groome, Greensboro, N. C.
Irene Sunset 75851—H. F. McGlauflin to Charles H. Berry, Monmouth, Me.
Isabel Stranford 39543—Oscar A. Nelson to G. E. Sargent, Long Prairie, Minn.
Isabel Stranford 39543—G. E. Sargent to Charles R. Mountain, Des Moines, Iowa.
Isabel Stranford 39543—Charles R. Mountain to Hiram J. New, Manchester, Iowa.
Jasminum 21717—Est. D. Willis James to A. C. James, Newport, R. I.
Jeannette Rose of Allegheny Valley 43430—R. H. Pollock, Jr., to H. W. Wigman, Lansing, Mich.
Jeweller's Daisy of Lindsey 41359—A. J. Prest to Henry Benner, Lindsey, Wis.
Josephine of Rural Home 75651—C. C. Stansberger to Harry E. Bixler, Navarre, Ohio.
Josephine of Shehawken Farm 69044—Eugene Brodhead to East Stroudsburg National Bank, East Stroudsburg, Pa.
Justinee's Lady Lihou 33981 (Imp.)—R. H. Pollock, Jr., to H. W. Wigman, Lansing, Mich.
King of the May's King's Melilla 65062—A. G. Stone to V. B. Blatchley, Ithaca, N. Y.
Lady Crocus of Riverton 44646—C. G. Henkel to C. L. Henkel, Opportunity, Wash.
Lady Edna 36577—Edgar Chase to E. E. Perley, Richford, Vt.
Lady Justinee of Meadow Brook 55991—R. H. Pollock, Jr., to H. W. Wigman, Lansing, Mich.
Lady Macbeth 46497—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Lady May of Sheawken Farm 74428—Eugene Brodhead to East Stroudsburg National Bank, East Stroudsburg, Pa.
Lady Morgan 33851—Henry Boom to Marion Lewis, Cameron, N. Y.
Lady of Glover 47484—Edgar Chase to E. E. Perley, Richford, Vt.
Lady Ormond of Lone Pine 75852—William B. Nisbet to Charles L. Wetherbee, Great Barrington, Mass.
Lady Serene 60909—C. E. & L. H. Rockwell to A. C. Haskell, Augusta, Ga.
Lady Vera of St. Saviour's 44183 (Imp.)—James H. Cooper to F. H. Gambell, Thief River Falls, Minn.
Lamont's Lady Sequel 72589—Henry S. Lamont to George M. White, Freehold, N. Y.
Lassie of Ledyard 2d 24877—Carnation Stock Farms to L. D. Smith, Berkeley, Cal.
Lassie Sequel of Vashon 46651—Carnation Stock Farms to L. D. Smith, Berkeley, Cal.
Little Lady of Allegheny Valley 43429—R. H. Pollock, Jr. to H. W. Wigman, Lansing, Mich.
Lone Pine Lassie 73463—William B. Nisbet to Mrs. R. H. Birdsall, North Egremont, Mass.
Lone Pine Valentine 75853—William B. Nisbet to W. A. Condon, Great Barrington, Mass.
Loveliness 13609—Est. D. Willis James to A. C. James, Newport, R. I.
Luna Laurel of Bonnie Brae 75739—Lake Remington to F. W. Hobbs, Eau Claire, Wis.
Luna's Lily of Bonnie Brae 2d 75738—Lake Remington to F. W. Hobbs, Eau Claire, Wis.
Ly L. E. S. 27445—Schmit Bros. to A. E. Harris & Son, Eau Claire, Wis.
Ly of Meredian's Dewdrop 57082—R. R. Schwartz to A. E. Wilcox, Mauston, Wis.
McKerrow's Gully's Daisy 68725 (Imp.)—George McKerrow & Sons Co., to Homer Mason, Tillamook, Ore.
Mabel of Ledyard 4th 17744—Lillian Washburn to Millay Bros., Bowdoinham, Me.
Mabel of Ravensthorp 40127—Lillian Washburn to Millay Bros., Bowdoinham, Me.
Madeline of Waumesit 18433—J. Lee Claflin to R. F. Parker, Westboro, Mass.
Mar's Caridad 37176—Carnation Stock Farms to L. D. Smith, Berkeley, Cal.
Merry Gold of Manitowoc Island Farm 75785—A. J. Griffin to Herman Strodthoff, Manitowoc, Wis.
Mignonette of the Preel VI. 44264 (Imp.)—George Truesdell to S. I. Murphy, Media, Pa.
Mignonette of the Preel VI. 44264 (Imp.)—S. I. Murphy to T. W. Castell, Oakland, Md.
Milkmaid of Foulkes Farm 74287—R. A. Wilkinson to E. F. Jones, Lake Elmo, Minn.
Mimi 17525—P. M. Crawford to Harry Felgar, East Springfield, Ohio.
Mina Troil 3d 26255—Floyd Zeis to Frankhouser Brothers, Old Fort, Ohio.
Miss Glenwood of Killarney Farms 75958—Rob R. McNagny to Charles A. Dunkelberg, Fort Wayne, Ind.
Miss Grumby of McKerrow Farms 68721 (Imp.)—George McKerrow & Sons Co. to Berns Bros., Tillamook, Ore.
Miss Joy 64539—W. C. Bain to C. A. Groome, Greensboro, N. C.
Miss Stubbs of Edgewater 57643—Mark D. Fitzgerald to Otto Behn, Stevensville, Mont.
Mollie Pitcher of Highland 42536—J. H. Wellman to Elliott-Brant Rancho, Owensmouth, Cal.
Mysie's Jane of Claremont 75833—Carnation Stock Farms to L. D. Smith, Berleley, Cal.
Nellie Fern of Mondamin 72354—Herbert T. Borden to Edward E. Tull, Princess Anne, Md.
Nona Glenwood 68827—Schmit Bros. to A. E. Harris & Son, Eau Claire, Wis.
Nora of the Gree 21032 (Imp.)—Miss Willie Lee Inman to Mrs. F. D. Metzer, Leesburg, Va.
Northland Queen 15947—Arthur M. Smith to Jay J. Leonard, Lake City, Mich.
Ononeda May 75896—Louis A. Noe to J. A. Hilbert, Green Village, N. J.
Paddy's Mistake 69613—D. H. Carney to J. M. Williams, North Adams, Mich.
Pansy of Evergreen View Herd 47510—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Peerless Farm's Hopeful Goda Rilma 59149—Charles Hornburg to Schoharie State School of Agriculture, Cobleskill, N. Y.
Pittstown Lassie 32384—Isaac N. Glick to Amos K. Mast, Cochranville, Pa.
Pollyanna of Cold Brook Farm 64427—Charles H. Berry to Elliott-Brant Rancho, Owensmouth, Cal.
Pollyanna of Pleasant View 47547—Charles H. Berry to Elliott-Brant Rancho, Owensmouth, Cal.
Polly of Mondamin 68937—Herbert T. Borden to Edward E. Tull, Princess Anne, Md.
Primrose of Bonnybrook 75861—Joseph H. Johnson to Claude Johnson, Donnybrook, N. Dak.
Princess Dimple Chene 75779—Frank F. Morris to Mrs. F. C. Johnson, Dallas, Pa.
Princess Golden Drop of Lind 75649—C. H. Glocke to Louis W. Glocke, Dale, Wis.

TRANSFERS OF GUERNSEY CATTLE

Queen Dombey 68296—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Queenie Look 46963—Charles H. Berry to Elliott-Brant Rancho, Owensmouth, Cal.
Queenie Look 2d 54791—Charles H. Berry to Elliott-Brant Rancho, Owensmouth, Cal.
Queen of Maple Ave. 28149—L. S. Goding to Elliott-Brant Rancho, Owensmouth, Cal.
Queen of Scenery Hill 38458—May M. Boles to H. C. McCamon, Lisbon, Ohio.
Quintine of the Vrangue 43671 (Imp.)—George Brazelton to W. A. Goodin, Cornelius, Ore.
Rappana's Kelia 75850—Smith & Holcombe to Keenan & Love, Akron, Ohio.
Rappana's Keila 75850—C. E. Polley to Smith & Holcombe, Farmdale, Ohio.
Raymond of the Preel VI's Daisy 48160—George Truesdell to S. I. Murphy, Media, Pa.
Raymond of the Preel VI's Daisy 48160—S. I. Murphy to T. W. Castell, Oakland, Md.
Red Cross Lady 74661—George Konrad to George W. Browne, Waukesha, Wis.
Red Cross Lady 74661—George W. Browne to Waukesha County Guernsey Breeders' Association, Waukesha, Wis.
Regina of Esker View 63829—Scott W. Swarts to W. G. Markham, Avon, N. Y.
Rela of Cold Spring 58011—C. E. & L. H. Rockwell to Henry Ridge, Whitewater, Wis.
Richland's Dairy Maid 65309—Arthur M. Smith to A. E. Armstrong, Lake City, Mich.
Rosalia's First of Elder Grove 75654—William Wied to Enoch Perry, Milwaukee, Wis.
Rose of Houtzdale 75888—J. B. Ogden to Charles Coutot, Houtzdale, Pa.
Rose of Scenery Hill 65464—Mary M. Boles to H. C. McCamon & Son, Lisbon, Ohio.
Rose of the Lodge 59702—Charles Hornburg to H. M. Roe & Son, Locke, N. Y.
Rosy Dean 74434—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Ruby II. of the Mourants 65740 (Imp.)—Palo Alto Stock Farm to A. J. Welch, Redwood City, Cal.
Ruth of les Merriennes 51964 (Imp.)—F. G. Fuller to W. K. Wilson, Mukonago, Wis.
Sequel's Anna 68177—W. F. Bahnub to H. W. Griswold, West Salem, Ohio.
Sequel's Anna 68177—H. W. Griswold to H. E. Babcock, Ithaca, N. Y.
Sequel's Anna 68177—H. E. Babcock to W. B. Flory, East Stroudsburg, Pa.
Siloam's July Maid 69304—W. C. Bain to C. A. Groome, Greensboro, N. C.
Squire's Bessie of the Vauquiedor 75399 (Imp.)—Frank S. Peer to R. L. Benson, Princeton, N. J.
Starlight of Rosendale 16260—Otto R. Lieber to J. S. & E. G. McQuinn, New Castle, Ind.
Sterling of Rockstone 56367—Charles Hornburg to Schoharie State School of Agriculture, Cobleskill, N. Y.
Susan of Anthony 52484—H. W. Wigman to Fred C. Holbeck, Grand Rapids, Mich.
Sweet Clover Bell 60108—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
The Maid of Goshen 32724—W. A. Ridenour to W. A. Barnes & C. Conkle, Brinkhaven, Ohio.
Tomahawk's Lady 45550—C. G. Henkel to C. L Henkel, Opportunity, Wash.
Treva Otellia 74095—F. S. Hall & Son to John F. Craig, Sligo, Pa.
Utsyanthia 15055—Isaac P. Nichols to Frank Cornell, Stamford, N. Y.
Utsyanthia's Third 75920—Frank Cornell to Oscar Veley, Jefferson, N. Y.
Ville-au-Roi's Beauty I. 21031 (Imp.)—Miss Willie Lee Inman to F. E. Saunders, Leesburg, Va.
Viola of Fern Ridge 33049—F. M. Helm to J. A. Cunningham, Grass Valley, Cal.
Viola of Fern Ridge 2d 74344—Frank M. Helm to J. A. Cunningham, Grass Valley, Cal.
Violet of St. Peter Port 51982 (Imp.)—George McKerrow & Sons Co. to Berns Bros., Tillamook, Ore.
Violet W. 41223—Charles Wollenhaupt to Louis Dickinson, Van Wert, Ohio.
Violet W. 41223—Louis Dickinson to Forest S. Schaffer, Van Wert, Ohio.
Violet W. 41223—Forest S. Schaffer to J. T. Edwards, Jr., Van Wert, Ohio.
Violet W. 41223—J. T. Edwards, Jr., to Ralph McMillen, Van Wert, Ohio.
Viviane's Edgewood Beauty 70475—W. C. Bain to C. A. Groome, Greensboro, N. C.
White Crocus of Riverton 32335—C. G. Henkel to C. L. Henkel, Opportunity, Wash.
Yeksa's Butternut of Alswel 73325—William J. Lemp to O. C. May, Sappington, Mo.
Yeksa's Lassie of Alswel 61712—William J. Lemp to Miss Payton Elizabeth Hawes, Sappington, Mo.

HAVE YOU GIVEN THE JOURNAL A TRIAL IN YOUR ADVERTISING CAMPAIGN?

ALBAMONT FARMS

—GUERNSEYS—

Several Choice Young Bulls for Sale

May Rose and Mary Jane of Gerar breeding

ALBAMONT

Campton and Thornton, New Hampshire

IN THE WHITE MOUNTAINS

JOHN C. HAARTZ
Owner

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Manager

AUCTION SALE OF REGISTERED AND GRADE GUERNSEYS

ON

THURSDAY, OCTOBER 25th, 1917

BY

MR. E. C. PECK—AVALON FARM—MACEDONIA, OHIO

Heading the offering is
the National Dairy Show Prize-winning bull

IMP. NELLIE'S JEWEL OF THE ISLE 15235

SIRE

JIM OF NEWGROVE 1930 P. S.

Sire of a number of Advanced Register daughters with large records.

DAM

IMP. NELLIE IV DU GRAND FORT 28427

A. R. 1861. Record, 12890.30 lbs. milk, 621.35 lbs. fat, (Class A.)

There is in the collection, a choice lot of heifers and bulls ranging in age from six months to two and a half years, sired by Imp. Nellie's Jewel of the Isle 15235 and out of heavy producing dams; some mature cows and some splendid grade Guernseys, about 15 | 16ths pure blood.

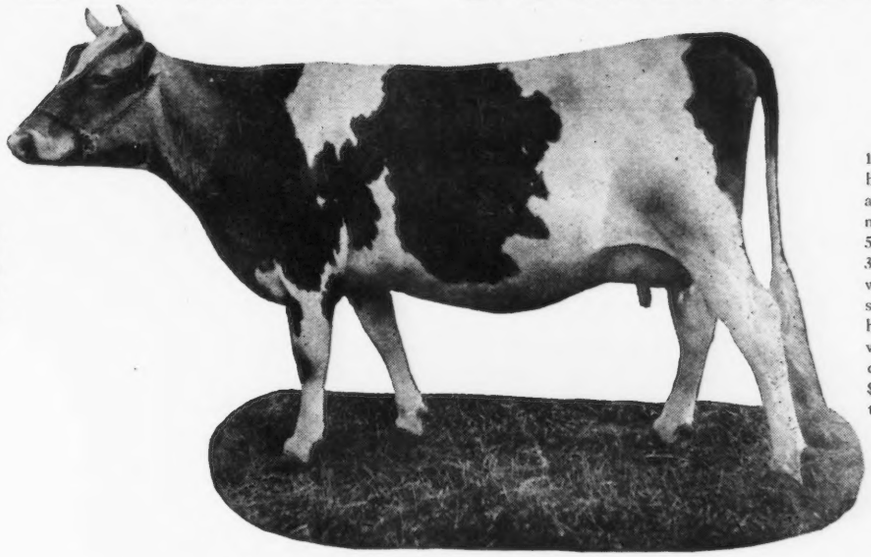
FOR CATALOGUE APPLY TO

LEANDER F. HERRICK, Auctioneer

405 Main Street

WORCESTER . . . . MASS.

FOLLYLAND GUERNSEYS



The highest producing 2-year-old Guernsey in New York State and 3rd in the world. 12270.9 lbs. milk; 712.60 lbs. butter fat—Class G.

16000 lbs. milk, 862 lbs. butter fat; now on retest and in six months has made 11101 lbs. milk, 555.65 lbs. fat. This is 3 lbs. more fat than the world's record in the same length of time. A half brother of Langwater Nancy's has recently been sold for $8000—record price for the breed.

FOLLYLAND NANCY 52457

SIRE—IMP. HAYES ROYAL III 22237 DAM—LANGWATER NANCY 27943

Some fine young bulls, half brothers of Follyland Nancy, for sale—would be glad to have you visit us or write for full particulars

FOLLYLAND FARM

GREENWICH, N. Y.

Follyland Farm is located some two miles from the village of Greenwich, ten minutes walk from the Hudson Valley trolley line. Greenwich, N. Y. is some thirty miles north of Troy, N. Y., sixteen miles east of Saratoga Springs, N. Y.

ADDRESS, R. L. DODGE, MGR. I. C. BLANDY, OWNER.

Cloverdell Farm
GUERNSEYS

A FEW ATTRACTIVE

BULL CALVES

out of

A. R. Cows

R. H. DUTTON

COLMAR - - - PA.

DOUBLE GRANDSON

—OF—

NE PLUS ULTRA

We offer for sale Bull Calves sired by

Laverna's Ultra May King

a son of Ne Plus Ultra, out of a daughter of May Rose King.

Dam of No. 1 is a daughter of Ne Plus Ultra, out of an A. R. cow.

Dam of No. 2 is a daughter of May Rose King of Burnside.

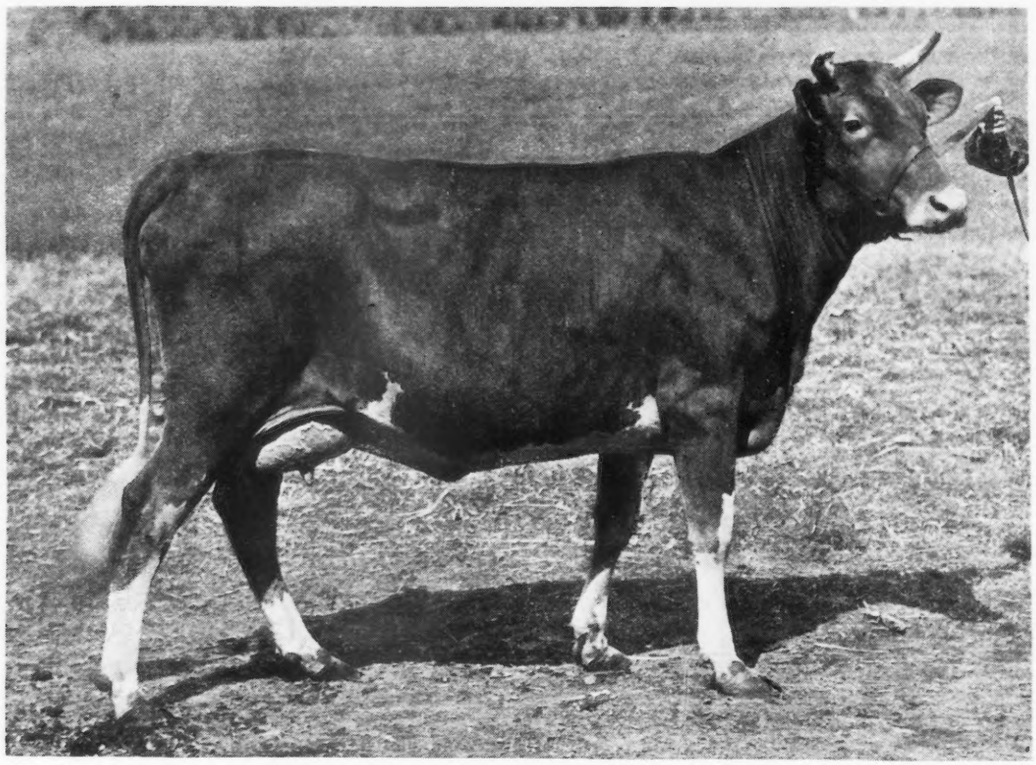
Both calves born in September

BURNSIDE FARM

Eccleston, Md.

James B. Robertson, Supt.

SHOREWOOD



PEARL'S DOT 47445

Grand Champion Female, Minnesota State Fair, 1917

On test and bids fair to make over 500 lbs. fat in Class F

Sire—Langwater Royal 14253 A. R.

By King of the May 9001 A. R.

Dam—Gerar Pearl 1107 A. R.

Record at eight years 12824.9 lbs. milk, 608.65 lbs. fat

SHOREWOOD FARM won three out of four Champions at Minnesota and both Grand Champions. Ladysmith's Cherub Grand Champion Bull.

SHOREWOOD FARM
Crystal Bay, Minnesota